Pidilite | LARGE USERS BUSINESS

DR. FIXIT®

PRODUCT SUMMARY GUIDE

COMPANY PROFILE

Pidilite Industries Limited is a leading manufacturer of adhesives and sealants, construction chemicals, craftsmen products, DIY (Do-It-Yourself) products and polymer emulsions in India. Our products range also includes paint chemicals, automotive chemicals, art materials and stationery, fabric care, maintenance chemicals, industrial adhesives, industrial resins and organic pigments & preparations. Most of the products have been developed through strong in-house R&D. Our brand name Fevicol has become synonymous with adhesives to millions in India and is ranked amongst the most trusted brands in the country. Some of our other major brands are M-Seal, Fevikwik, Fevistik, Roff, Dr. Fixit, Fevicryl, Motomax, Hobby Ideas, Araldite.

CONSTRUCTION CHEMICALS DIVISION

Pidilite Large Users Business (PLUB) mission is to promote appropriate construction chemical solutions based on structural requirement and provide a bundle of solutions/systems with high quality of application by trained & expert applicators. Pidilite has a wide distribution network and trained applicators who provide customers suitable services to ensure best in-class construction.

Pidilite, with its **brand Dr. Fixit®**, is the pioneer of waterproofing in India. It offers comprehensive waterproofing solutions for all structures including commercial and residential buildings, tunnels, bridges and prominent government buildings.

OUR BRANDS

CONSTRUCTION CHEMICALS

Dr. Fixit
Roff
FEVI SEAL
UnoFin
WalAce

DR. FIXIT® EXPERTISE IN WATERPROOFING SOLUTIONS

Dr. Fixit® has been a pioneer in modernizing & upgrading waterproofing practices in India with decades of experience in executing small to large to mega projects. Dr. Fixit offers the widest range of products & technologies, specification expertise and highly capable application services to our customers & partners as below.

1. Versatile range of products to suit various design needs and project site conditions

a Pressure sensitive adhesive fully bonded HDPE membranes
b. Liquid applied systems -Polyurethane, Polyurea, Acrylics
c. TPO and KEE membranes for roofs
d. SBS modified self-adhesive membranes
e. Integral crystalline admixtures
f. Self-healing membranes
g. Tank coatings
h. Polymer modified cementitious coatings
i. Acrylic wall coatings
j. Detailing strips, Injectable hoses, Swellable plugs and bars
k. Polyurethane, Polysulphide & Silicon sealants
l. Injection grouts

2. Expertise of system configurations built on vast learning experiences of more than 25 mill. sqm. of waterproofing projects handled in last 5 years

a Our system design approach is based on • Water-table conditions • Intended usage of space • Design service life • Risk assessment • Constructability
b. System prescriptions comply to IS, NBC & relevant national and international standards.
c. Product test certifications comply to international standards (EN, ASTM, BBA, ETAG, CE).

3. Best in industry technical support and application support from

a In-house installation services company and vast network of trained partner applicators
b. Regular trainings & orientations of client engineers & supervisors on waterproofing technologies & application quality
c. On-site audit services on quality of application

Visit our Dr. Fixit® Experience Centres in Mumbai, Chennai, Kochi and Delhi to learn more.

CONTENTS

UPDATED: JUNE 2024

WATERPROOFING

Sr. No.	Product Name	WATERPROOFING										
		SUBSTRUCTURE WATERPROOFING			PODIUM/TERRACE WATERPROOFING				WET AREAS		STP/ETP	POTABLE WATER TANK
		Footing base slab /Raft	Confined retaining walls	Unconfined retaining walls	Conventional RCC	Composite Deck Slab	Precast Slab	Metal Sheet Roofing	Sunken Slab	Flat Slab		
1	Dr. Fixit Prebond W	▪										
2	Dr. Fixit Prebond Pro/S/E	▪	▪									
3	Dr. Fixit Amphibia 3000 Grip 1.3		▪									
4	Dr. Fixit Samshield Series (SBS Membrane)			▪								
5	Dr. Fixit Polyplus CP	▪		▪								
6	Dr. Fixit Polyplus CP Admix	▪	▪	▪								
7	Dr. Fixit Flexi PU 270 (i)				▪							
8	Dr. Fixit Superseal 4500 PUH			▪	▪	▪	▪					
9	Dr. Fixit Superseal 900				▪	▪	▪					
10	Dr. Fixit Superseal 500				▪							
11	Dr. Fixit Superseal TC 1000 Ultra (Aliphatic TopCoat)				▪	▪	▪					
12	Dr. Fixit Pidifin 2K								▪			
13	Dr. Fixit Fastflex								▪		▪	▪
14	Dr. Fixit Fastflex Ultra								▪		▪	▪
15	Dr. Fixit Bathseal Select									▪	▪	▪
16	Dr. Fixit TankPro W											▪
17	Dr. Fixit TankPro E										▪	
18	Dr. Fixit Dampguard Classic											▪
19	Dr. Fixit Coal Tar Epoxy										▪	
20	Dr. Fixit Flexshield TPO							▪				
21	Dr. Fixit Fibertite				▪	▪	▪	▪				
22	Dr. Fixit Roofseal Series				▪							
23	Dr. Fixit Cool Roof coating							▪				
24	Dr. Fixit Torchshield P 3160/P 4160	▪			▪							

1.1 Dr. Fixit Prebond W

Pre-Applied Fully Bonded HDPE Weldable PSA Membrane

Dr. Fixit Prebond W is a preformed and pre- applied HDPE fully bonded weldable membrane that bonds to the wet concrete cast on the membrane, conforming to IS 16471:2017 & BS 8102:2009 recommendations for providing Type A protection.

Typical Applications

- Basements
- Subway and UG metro Stations
- Cut and cover tunnels
- Caverns & Other underground civil structures

Packaging

Roll size of 20m length and 2.4 meters width at a composite thickness of 1.5 mm & 1.8 mm.

Features

- Hot welded side and end laps: 10 times increase in lap adhesion strength compared to conventional overlapping method.
- Wider membranes (Width up to 2.4 m) – Reduces > 50% of joint area.
- Enhanced puncture resistance.
- Joints can be tested through electric spark test to ensure watertightnes.

Important Technical parameters

Tensile Strength	25 MPa / 28 MPa
Elongation	500%
Puncture Resistance	1000 N / 1500 N
Lap Peel Adhesion	>15000 N/m

1.2 Dr. Fixit Prebond Pro

Pre-applied fully bonded HDPE PSA membrane with two side lap

Dr. Fixit Prebond Pro membrane is a 1.5mm composite thick preformed HDPE fully bonded membrane with sand finish and two-side lap. It is designed with double side adhesive which improves overlapping strength significantly.

Typical Applications

- Basements rafts
- Confined retaining walls
- Subway and UG metro Station
- Cut and cover tunnels & Other underground civil structure

Packaging

Roll size of 20m length and available in 1meter and 2-meter roll widths with a composite thickness of 1.5mm.

Features

- Two side lap makes the joints more robust.
- Achieves effective bonding at overlaps even under harsh application conditions like rains, water etc.
- High UV resistance up to 45 days. CE Certified.
- Resistant to aggressive ground water conditions.

Important Technical parameters

Tensile Strength	25 Mpa
Elongation	500%
Puncture Resistance	1000 N
Lap Peel Adhesion	1500 N/m

1.3 Dr. Fixit Prebond S

HDPE pre applied fully bonded PSA membrane

Dr. Fixit Prebond S is a preformed and pre applied HDPE fully bonded membrane that bonds to the wet concrete cast on the membrane. Reinforcement can be directly laid on top of the membrane and it does not require screed protection.

Typical Applications

- Basements raft & confined retaining walls
- Subway and UG metro Stations
- Cut and cover tunnels & Other underground civil structures

Packaging

Roll size of 20m length and 2.4 meters width at a composite thickness of 1.5 mm and 1.8mm

Features

- Superior bonding with the poured concrete.
- Available in larger roll widths to reduce the number of joints.
- High puncture and hydrostatic pressure resistance.
- Adaptable to varying surface profile.

Important Technical parameters

Tensile Strength	25 MPa/28 MPa
Elongation	500%
Puncture Resistance	1000 N/ 1500 N
UV Exposure limit	45 days

1.4 Dr. Fixit Prebond E

Pre-applied fully bonded HDPE PSA membrane

Dr. Fixit Prebond E is a preformed and pre-applied HDPE fully bonded membrane. It forms an integral seal which prevents lateral water migration & makes it unaffected by any substrate settlement.

Typical Applications

- Foundation design with isolated & combined footing
- Confined retaining walls
- Cut and cover tunnels
- Other underground civil structures

Packaging

Roll size of 24m length and available in 2.4-meter roll widths with a composite thickness of 1.2mm

Features

- Low flatness requirement to substrate.
- Reliable overlapping.
- Lesser joints and overlaps, due to larger roll widths.
- Fast and easy application.

Important Technical parameters

Tensile Strength	21 Mpa
Elongation	400%
Puncture Resistance	800 N
Resistance to Hydrostatic head	60 M

1.5
Dr. Fixit Amphibia 3000 grip 1.3

Hydro reactive waterproofing membrane

Dr. Fixit Amphibia 3000 Grip 1.3 is a FPO + EPDM, pre-applied waterproof membrane, reactive upon contact with water, self-repairing, self-sealing and self-fastening to the concrete. It is composed of multiple layers with differentiated functions for total water tightness of UG structures.

Typical Applications

- Basements
- Subway and UG metro stations
- Residential & industrial buildings
- Other underground civil structures

Packaging

Roll size of 20m length and 1.8m width at a composite thickness of 1.3mm.

Features

- Self-Sealing and Self-Healing (In case of punctures during rebar work).
- Lighter & highly flexible membrane - Ease of handling.
- Robust joint (special bi-mastic sealant).
- Can be stapled/nailed on the surface.

Important Technical parameters

Tensile Strength	6 MPa
Elongation	700%
Joint strength with Bi Mastic	233 N
Puncture Resistance	800 N

1.6
Dr. Fixit Samshield XL 1500/2100

Cross laminated SBS self adhesive waterproofing membrane

Dr. Fixit Samshield XL 1500/2100 membrane is a SBS modified self-adhesive cold applied waterproofing membrane based on a tropical grade of polymer modified bitumen. The bitumen compound is laminated onto an impervious, non-perforated, cross laminated HDPE film.

Typical Applications

- Used for horizontal and vertical application and as a damp proofing course for tanking below ground structures, subways, retaining walls etc

Packaging

Available in roll size of 10m length and 1 m width at 1.6mm and 2.1mm thickness.

Features

- Specially formulated for tropical climate grade.
- Ease of application - Self-adhesive and lightweight.
- Superior adhesion to vertical and horizontal surfaces.
- Good tear and puncture resistance.

Important Technical parameters

Tensile Strength	3.5 MPa
Elongation	180%
Puncture Resistance	200 N
Crack Bridging ability	Min. 1.5mm (10 cycles pass)

1.7
Dr. Fixit Samshield P 1500

SBS modified self adhesive waterproofing membrane

Dr. Fixit Samshield P 1500 is a SBS modified self-adhesive waterproofing membrane consisting of a self-adhesive polymer modified bitumen layer coated on to a tough high density polyethylene film and protected on other side by a silicone release film. It is generally used a damp proofing membrane.

Typical Applications

- Used for horizontal and vertical application and as a damp proofing course for tanking below ground structures, subways, retaining walls etc

Packaging

Available in roll size of 10m length and 1 m width

Features

- Cold applied self-adhesive membrane -Easy to apply.
- Good adhesion to substrate.
- Superior vapour resistance.
- Good tear and puncture resistance.

Important Technical parameters

Tensile Strength	150 N/5cm
Elongation	300%
Puncture Resistance	150 N
Peel Strength	1N/mm

1.8
Dr. Fixit Samshield PS 2100/3500

Geotextile surfaced SBS self adhesive waterproofing & protection membrane

Dr. Fixit Samshield PS is a SBS modified bituminous, self-adhesive sheet membrane laminated onto a tough polyester fleece to provide a highly superior waterproofing and protection membrane for underground concrete structures. The self-adhesive side protected with a silicone release film.

Typical Applications

- Used for waterproofing and protection of concrete foundations and any below ground structures

Packaging

Available in roll size of 10m length and 1 m width at a thickness of 2.1mm and 3.5mm

Features

- High puncture and tear resistance.
- Good chemical resistance.
- Cold applied - Easy to apply.
- Completely non-biodegradable.

Important Technical parameters

Tensile Strength	>400 N/5cm
Resistance to hydrostatic pressure	>50m
Puncture Resistance	>500 N
Tear Resistance	>300 N

1.9
Dr. Fixit
Polyplus CP

Important Technical parameters

Particle size	40-150 microns
Seals shrinkage cracks up to	0.4mm width
Penetration rate	5mm/week
Resistance to hydrostatic pressure	Upto 50m

Crystalline waterproofing slurry coating

Dr. Fixit Polyplus CP is composed of high-quality cement, properly selected & graded inert aggregates, proprietary waterproofing active chemicals & additives. When applied as brush coat on concrete, it penetrates deeply into the capillaries of the concrete & protects it against the permeability of water.

Typical Applications

- Foundation & Basements
- Inspection pits & lifts shafts
- Retaining walls & sea defence walls
- Water retaining structures like water tanks & reservoirs etc

Packaging

Available in 25 Kg Pail

Features

- Forms monolithic layer with the concrete & becomes integral part of concrete.
- Protects concrete against contaminated water & corrosion.
- Does not require protective plaster, applicable over SSD & wet surface.
- Easy in application, only to be mixed with water at site.

1.10
Dr. Fixit
Polyplus CP Admix

Important Technical parameters

Reduction in coefficient of water permeability	More than 90%
Reduction in chloride diffusion coefficient	More than 45%
Reduction in shrinkage and cracks	More than 20%
Food grade certification	CFTRI as per USFDA- 175.300

New generation integral crystalline waterproofing and durability enhancer

Dr. Fixit Polyplus CP Admix is the new generation integral crystalline waterproofing and durability enhancing admixture which produces waterproof and durable concrete by improving corrosion resistance, reduction in cracks and drastically reducing water permeability under hydrostatic pressure.

Typical Applications

- Concrete Slabs on grade & below grade
- Protect concrete for durability
- Basements & pits
- Foundations & civil substructures

Packaging

Available in Pack size of 20 Kg Bag.

Features

- Resists up to 16 Bar hydrostatic pressure.
- Can self-heal crack up to 0.5 mm.
- Significantly reduces chloride penetration and carbonation resistance.
- CE Approval as per EN 934-2.

1.11
Dr. Fixit
Flexi PU 270 (I)

Important Technical parameters

Tensile Strength	≥2 N/mm²
Elongation at break	400%
Low temperature Crack bridging	3.2mm
Adhesion to concrete	≥1.5 N/mm²

Liquid applied single component polyurethane waterproofing membrane

Dr. Fixit Flexi PU 270 (i) is a single component, liquid applied, highly permeant elastic, moisture cure polyurethane membrane for long lasting waterproofing performance. It is based on pure elastomeric, hydrophobic polyurethane resins which cures to form seamless and durable waterproofing coating.

Typical Applications

- Roof terraces and podium slab
- Car parking deck
- Waterproofing of Wet areas like Bathrooms, Kitchens, Balconies
- Auxiliary Rooms
- Application over PUF Insulation

Packaging

Available in 25 Kg Pails in red or brick red colour. Other colours maybe supplied on demand

Features

- User friendly – Easy to apply by brush, roller, and spray.
- Seamless coating – No laps & joints
- Excellent adhesion with Concrete, Metal & Plastic – Fully bonded coating.
- Root resistance – Durable for landscape area.

1.12
Dr. Fixit
Superseal 4500

Important Technical parameters

Tensile Strength	15N/mm²
Elongation at break	450%
Low temperature Crack bridging	3.2 mm
Puncture resistance	1000 N

Two component spray applied elastomeric hybrid polyurea polyurethane waterproofing membrane

Dr. Fixit Superseal 4500 PUH is a 100% solids (VOC free), instant setting hybrid polyurea polyurethane based waterproofing membrane suitable for waterproofing and protection to structural concrete. It is to be applied using specific spray equipment, to form an aromatic, seamless high performance waterproofing membrane for long lasting performance.

Typical Applications

- Podium & Roofs - Terraces, Balcony - Decks & parking slabs
- Unconfined Retaining walls
- Cut and cover Tunnels
- Sloping roofs & Green roofs
- Over Polyurethane Foams
- Waterbodies and Swimming Pools

Packaging

420 Kg Metal Drum Set
(Part A : 220 Kg, Part B :200 Kg)

Features

- Fast setting – Quick turnaround time.
- Good elongation and recovery with high tensile strength.
- High impact & puncture resistance.
- Superior bonding to substrate.

1.13
Dr. Fixit
Superseal 500

Two component high build liquid applied polyurethane waterproofing membrane

Dr. Fixit Superseal 500 is a premium, high solid, high build, liquid, cold applied elastomeric two component polyurethane membrane used for long-lasting waterproofing solution. It meets the requirements of ASTM C836.

Typical Applications

- Podium
- Balconies
- Roofs - Terraces
- Railway and bridge decks
- Car Park Decks
- Application over PUF Insulation

Packaging

30 kg set (Part A: 10 Kg, Part B: 20 Kg)

Dr. Fixit Superseal 500 is supplied in Rusty Red colour.

Features

- Superior mechanical properties - unchanged even at elevated temperatures.
- Seamless coating – No laps & joints.
- Single coat application to achieve 1.5 mm DFT.
- Simple application by Notched trowel, steel trowel or squeeze.

Important Technical parameters

Tensile Strength	≥6 N/mm²
Elongation at break	≥600%
Crack Bridging Displacement	>3.2 mm
Bond strength to concrete	>1.5 N/mm²

1.14
Dr. Fixit
Superseal 900

Two component hand applied elastomeric hybrid polyurea polyurethane waterproofing

Dr. Fixit Superseal 900 is a premium, liquid-applied, highly elastomeric, two components, Polyurea polyurethane hybrid membrane, applied by brush, roller or spray and specifically used for long-lasting waterproofing protection. It is based on pure elastomeric PU-Polyurea hybrid resins, which result in excellent mechanical, chemical & physical properties.

Typical Applications

- Podium, Roofs - Terraces
- Balcony - Decks and Parking slabs (covered with suitable screed/finishes)
- Retaining walls, Foundations, UG Structure, Cut and cover Tunnels UG Metro stations
- STP, ETP & Marine structures

Packaging

16 kg Combo Pack (Part A-10 kg & Part B- 6 kg)

Features

- Good elongation and recovery with high tensile strength.
- Easily repairable locally, without worrying about over coating period.
- Resistant to detergents, oils, seawater, and domestic chemicals.
- Simple application by Brush, Roller, Airless Spray.

Important Technical parameters

Tensile Strength	>15 N/mm²
Elongation at break	>600%
Crack bridging displacement	>2 mm
Puncture resistance	>1000 N

1.15
Dr. Fixit
Superseal TC 1000 Ultra

Ultra high performance polyaspartic protective coating for exposed roof areas

Dr. Fixit Superseal TC 1000 Ultra is a pigmented, two component, UV and weather resistant, high abrasion resistant protective coating for exposed roof applications. It is liquid applied as a seamless coating & forms a very tough yet flexible film with superior UV and weather resistance properties.

Typical Applications

- As a top coat for Dr. Fixit range of Polyurea and Polyurethane coating
- As a standalone protective coating for concrete surfaces
- As a topcoat over Car Park deck system

Packaging

5 kg Combo Pack (Part A-2.5 kg & Part B- 2.5 kg).

Shades Available : White, Grey, Terracotta, Green, Light Blue.

Features

- Superior mechanical & physical properties – excellent abrasion resistance.
- Excellent UV and weather resistance.
- Extremely tough yet very flexible coating - Long lasting service life.
- Available in selected RAL colors.

Important Technical parameters

Tensile Strength	14 N/mm²
Elongation at break	250%
Tear strength	55 N/mm
Adhesion bond strength	>2 N/mm²

1.16
Dr. Fixit
Pidifin 2K

Acrylic cementitious two component waterproof coating

Dr. Fixit Pidifin 2K is an acrylic cementitious, polymer modified flexible, waterproofing & protective coating composed of best quality Portland cement, properly selected & graded aggregates, additives & acrylic emulsion polymer as a binder. It is applied to waterproof and protect concrete and masonry substrates.

Typical Applications

- Bathrooms, kitchen sinks, balconies, etc.
- Internal sides of domestic water tanks.
- Can be applied over internal damp walls and concrete surfaces due to its excellent bonding.

Packaging

3 kg, 9 kg, 15 kg, 30 kg & 90 kg.

Features

- Flexible coating which can be used for both positive and negative side waterproofing due to its excellent bonding.
- Excellent adhesion to concrete and masonry surfaces.
- Excellent resistance to ingress of water.
- Confirms to portable water contact parameters & Non-toxic with low VOC.

Important Technical parameters

Elongation	>50%
Food grade	CFTRI Certification
Crack Bridging	1 mm
Adhesion strength	1N/mm²

1.17
Dr. Fixit
Fastflex

High performance polymer modified cementitious coating

Dr. Fixit Fastflex is a two-component cementitious coating system for waterproofing of wet areas and any water retaining structures such as swimming pools and water features. It provides strong bonding and excellent resistant to hydrostatic water pressure by forming highly elastic seamless coating over the applied concrete.

Typical Applications

- Bathrooms, toilets, balconies
- Swimming pools, water features and water tanks
- Any concrete, cement or masonry surface that are subject to moisture ingress

Packaging

12 kg and 48 kg

Features

- Elastomeric, seamless & impervious membrane.
- High film build-up with excellent adhesion to concrete & masonry substrates.
- Easily applied by brush, roller, or trowel.
- Can be applied on damp surfaces.

Important Technical parameters

Tensile Strength	1N/mm^2
Elongation at break	120%
Crack bridging	Upto 2mm
Food grade	CFTRI Certification

1.18
Dr. Fixit
Fastflex Ultra

Two component highly flexible cementitious coating

Dr. Fixit Fastflex Ultra is a two-component acrylic polymer modified cementitious product, consisting of Part A (Liquid) and Part B (Powder) which yields a flexible waterproofing coating with excellent water resistance and crack bridging capability.

Typical Applications

- Bathrooms, toilets, balconies
- Terraces, Flat & pitched roofs
- Swimming pools, water features and water tanks
- Any concrete, cement or masonry surface that are subject to moisture ingress

Packaging

12 kg and 48 kg

Features

- Elastomeric, seamless & impervious membrane.
- High film build-up with excellent adhesion to concrete & masonry substrates.
- Easily applied by brush, roller, or trowel.
- Can be applied on damp surfaces.

Important Technical parameters

Tensile Strength	>1 MPa
Elongation at break	200%
Crack bridging	Upto 2mm
Food grade	CFTRI Certification

1.19
Dr. Fixit
Bathseal Select

High solid single component waterborne waterproofing membrane

Dr. Fixit Bathseal Select is a ready-to-use; liquid-applied elastomeric water based waterproof coating which cures to form a monolithic membrane designed for wet areas under tiled finish application. Being a 1K liquid applied coating, it reduces mixing errors and saves time due to excellent flow properties and thereby easy application with roller or brush.

Typical Applications

- Waterproof coating for internal wet areas as under tiled finishes
- Concrete, Prefabricated bathrooms, toilets and drywall partitions, kitchens, laundry area

Packaging

4, 10 & 20 litres

Features

- High bond strength to a variety of substrates and building materials.
- Compatible with polymer modified cement-based tiles adhesives, screeds, and renders.
- Bonds to clean metal drains, PVC, and ABS drain assemblies.
- Liquid applied membrane, can be applied with roller, brush.

Important Technical parameters

Tensile Strength	≥1.5 N/mm^2
Elongation	>250%
Crack Bridging ability	3mm
Shore A Hardness	≥55

1.20
Dr. Fixit
Tankpro W

Polyurethane coating for waterproofing and protection of water tanks

Dr. Fixit TankPro W is a two-component, solvent-free, thixotropic coating, based on high quality elastomeric polyurethane resins. After polymerization, it produces a strong, elastic, hydrophobic membrane suitable for waterproofing and protection of water tanks. surfaces. It can be easily applied by using a brush or a roller.

Typical Applications

- Waterproofing and protection of Water tanks made of reinforced cement concrete (RCC)
- Prefabricated concrete tanks

Packaging

9 Kg (comp A: 7.5 Kg, comp B: 1.5 Kg)

Features

- Single coating for Waterproofing and Protection for water tanks giving faster turnaround time.
- Being solvent-less, it can easily be applied in closed spaces.
- Certified for potable water tanks, in accordance with the US FDA 175.300 requirements.

Important Technical parameters

Tensile Strength	12 MPa
Elongation at break	100%
Resistance to Hydrostatic pressure	5 Bar
Adhesion to concrete	2 MPa

1.21
Dr. Fixit
Tankpro E

Important Technical parameters

Elongation	> 100%
Tensile strength	9 MPa
Crack Bridging	Upto 3.2mm
Abrasive resistance	32 mg

Chemical Resistant Coating for Waterproofing & Protection of Concrete Structure

Dr. Fixit TankPro E is a two component, solvent free, advanced polymer coating. It produces a strong membrane of sufficient elasticity with outstanding adhesion to various substrates which is designed to provide excellent abrasion resistance and the protect the concrete against aggressive chemicals.

Typical Applications

Waterproofing and protection of

- Sewerage tanks, aeration tanks, sedimentation tanks
- Waste water treatment plants

Packaging

13 Kg (Comp A – 3 Kg, Comp B – 10 Kg)

Features

- Replaces Coal Tar Epoxy: This system replaces the current Coal Tar Epoxy, ensuring better working conditions and increased labor productivity.
- Time, Manpower, and Cost Savings: Upgrading to this system results in significant savings of time, manpower, and money.
- Easy to apply – Can be applied using roller and brush.
- Excellent adhesion to variety of substrates and building materials.
- Solvent less – Easy to apply in confined spaces.
- High chemical and abrasion resistance as per ASTM D543 & ASTM D4060.

1.22
Dr. Fixit
Dampguard Classic

Important Technical parameters

Surface drying time	1-5 hours
Adhesion strength	> 2.5 N/mm²
Water absorption	Nil
Food grade	CFTRI certification

Damp-proof microbial resistant coating for internal walls and RCC water tanks

Dr. Fixit Dampguard Classic is a two-component coating composed of epoxy resin, curing agent, inert pigments & properly selected fine fillers, additives in water as a medium (direct application over cementitious surfaces). It is used as an internal coating for the damp proofing treatments of water tanks with anti-microbial anti-fungal properties.

Typical Applications

- Damp proofing treatment for RCC water tanks
- Internal damp wall treatment
- As putty with OPC- White cement to fill the fine cracks of internal walls
- In sterile areas of pharma, food industries & hatcheries etc

Packaging

500 gm, 1 kg & 200 kg

Features

- Can be applied over damp concrete and plaster surfaces.
- Anti-fungal properties, Resistant to micro-organisms
- Excellent adhesion to all cementitious substrates.
- Excellent resistance to water, salt water, mild acids, alkalis, and soap water.

1.23
Dr. Fixit
Coal Tar Epoxy

Important Technical parameters

Bonding/adhesion	1.2 – 1.4 N/mm²
Resistance to micro-organisms	No growth observed
Chemical resistance	Passes
Salt spray resistance	Passes

Two component coal tar epoxy coating for concrete and steel surfaces

Dr. Fixit Coal Tar Epoxy is composed of best quality dehydrated coal tar, liquid epoxy resins and curing agent, properly selected & graded inert fillers, additives and solvent. It is used as an anticorrosive & protective coating for concrete as well as steel structure because it has excellent chemical resistance properties in atmosphere or in contact with various chemical solutions.

Typical Applications

- Sewage & Effluent treatment plants
- Thermal Power plants & industries
- Cooling towers
- Foundation protection from con taminated soil, backfill and water

Packaging

5 kg [Part-A Base 1.25 kg and Part B Hardener 3.75 kg]

Features

- Excellent adhesion to concrete, asbestos & metallic surfaces.
- Gives long lasting corrosion protection.
- Resistance to abrasion makes it suitable for application over floors of tanks & concrete rafts.
- Resistant to wide range of acids, alkali & salt solutions, effluents & sewage.

1.24
Dr. Fixit
Flexshield TPO

Important Technical parameters

Breaking strength	1 kN (45 mil), 1.1 kN (60 mil)
Elongation at break of reinforcement	Minimum 15%
Tearing strength	Min 245 N (45 Mil)
Puncture resistance	1.1 kN (45 mil), 1.3 kN (60 mil)

High performance TPO membrane

Dr. Fixit Flexshield TPO membranes are manufactured using a hot-melt extrusion process for complete scrim encapsulation. It is reinforced with a strong, polyester reinforced fabric center (scrim) and a tough thermoplastic polyolefin compounded top ply at the bottom, creating a very tough, durable and versatile sheet that is ideal for re-roofing and new construction.

Typical Applications

- Large commercial roofs

Packaging

Without fleece back – 2m x 20m & with fleece back- 3.66m x 30m

(Available thicknesses are 45 mil & 60 mil)

Features

- Outstanding puncture resistance, high breaking and tearing strength.
- Very high peel strength of seam joints and heat welds.
- Chlorine free, plasticizer free, phthalate free. Environmentally friendly and safe for humans.
- Exceptional resistance to heat, UV, Ozone, bacteria, chemical, acid corrosion.

1.25
Dr. Fixit
Fibertite

High performance roof waterproofing membrane based on KEE technology

Dr. Fixit FiberTite is a 36 mil (0.9 mm) thick 4-layer technology with densely knitted fibre mesh and a unique adhesive coat that saturates the fibre and then forms a bond with the back and face coats based on the KEE formula. KEE (Ketone Ethylene Ester) is a solid, flexible, high-molecular ingredient ideal for thermoplastic processing.

Typical Applications

Metal and concrete roofs in

- Processing plants
- F&B, Diary industries
- Electronics & Automobiles
- Tire manufacturing units
- Data centres & Airports
- Roof renovation works

Packaging

2.5 Mtr x 30 Mtr @ 0.9 mm composite thickness

Features

- Superior mechanical and chemical resistance, Oil & grease resistance.
- Fabric base layer ensures superior puncture and tear resistance.
- Resistance to hail, wind, and environmental factors.
- UL approved for fire resistance & compatible with insulation materials.

Important Technical parameters

Breaking strength	1499 N
Tear strength	445 N
Factory seam strength	1955 N
Puncture resistance	350 lbs

1.26
Dr. Fixit
Roofseal Select

High performance waterproofing Coating for Roof

Dr. Fixit Roofseal Select is a heavy-duty terrace waterproof coating system, composed of specially developed highly elastic & resilient acrylic polymers, properly selected & graded fillers, lightfast & weather durable pigments, micro-fibres, additives & best quality fungicidal in water medium. It is used as a liquid applied waterproofing membrane for all types of building terraces.

Typical Applications

Over existing building Flat / Slope roof surface likes

- Brick-Bat Coba finish, PCC, cement mortar / screed
- Broken China mosaic tiles roof

Packaging

4 & 20 litres.

Features

- Higher tensile strength, tear resistance & bond strength with cementitious substrates.
- Abrasion resistant – No additional protective coating is required for roof subjected to foot traffic.
- Ease of application – Can be applied by brush & roller easily.

Important Technical parameters

Tensile Strength	1.2 N/mm^2
Elongation at break	100%
Adhesion strength	1 N/mm^2
Crack bridging	2 mm

1.27
Dr. Fixit
Roofseal Classic

Acrylate PU hybrid waterproofing coating for Roof

Dr. Fixit Roofseal Classic is single component, insulating elastomeric waterproof coating for roofs that offers a seal against water and heat. Dr. Fixit Roofseal Classic is based on Acrylate PU hybrid emulsion technology reinforced with nano fibres. It combines the benefits of waterproofing as well as heat reduction in a single product.

Typical Applications

Over existing building Flat/ Slope roof surface like

- Brick-Bat Coba finish surface
- Cement mortar screed
- China mosaic tile roofs

Packaging

1, 4, 10, 16, 20 litre.

Features

- Outstanding flexibility with crack bridging up to 2mm.
- Single component, Ready to use easy to apply.
- Non - toxic and VOC compliant water-based coating.
- Tough coating – Suitable for light foot traffic.

Important Technical parameters

Tensile Strength	2.1 N/mm^2
Elongation at break	300%
Tear strength	24 N/mm^2
Crack bridging	2 mm

1.28
Dr. Fixit
Roofseal Ultra

Polyurethane dispersed acrylate waterproofing coating with flutyne technology for Roof

Dr. Fixit Roofseal Ultra is polyurethane hybrid next generation liquid applied roof top coat waterproof coating with flutyne protection technology. Designed to resist water intrusion and heat. It cures into a monolithic high elastic waterproofing membrane resistant to ponding water and with improve UV, dirt resistant, with solar reflectance index of 106.

Typical Applications

Ideal as top coat for waterproofing of terraces, flat and slope, curved roofs etc

- Brick-Bat Coba finish
- Cement mortar screed
- China mosaic tile roofs
- Complex detailing, up-stands, penetrations and terminations

Packaging

4 & 20 litres (Colour–White)

Features

- Excellent weathering resistance (up to 12 years) when reinforced with glass fiber mesh.
- Outstanding flexibility with crack bridging up to 3mm.
- Reduces surface temperature up to 10°C** in the peak summer.
- Single component, Ready to use easy to apply.

Important Technical parameters

Tensile Strength with 45 GSM mesh	4 N/mm^2
Elongation at break	300%
Shore A Hardness	72
Crack bridging ability	3 mm

1.29
Dr. Fixit
Cool roof Coating

Heat reflective waterproof coating for metal roofs & terraces

Dr. Fixit Cool Roof Coating is heat reflective environmentally friendly APEO free elastomeric waterproof coating engineered with UV cross-linkable polymer technology. Once completely cured, it exhibits excellent resistance to dirt pick-up and UV; an essential and critical need to retain whiteness thereby heat reflective properties of installed coating with ageing.

Typical Applications

Heat Reflective & Waterproof Coating for galvanized sheets & Metal roofing panel sheets over the following surfaces.

- Factories
- Warehouse
- Shopping malls
- Clubs

Packaging

20 Litres (White colour).

Features

- UV Cross linkable, 100% pure acrylic.
- Elastic and Tough; withstand pedestrian traffic.
- Excellent resistance to dirt pick-up & Resist growth of Algae, Fungi.
- Eco friendly; free from hazardous chemicals.

Important Technical parameters

Tensile Strength	1.5 N/mm²
Elongation at break	190%
SRI Index	108
Crack bridging	1.5 mm

1.30
Dr. Fixit
Torchshield P 3160/P 4160

APP modified bitumen based membranes for waterproofing

Dr. Fixit Torchshield P range of polymer modified membranes are modified bitumen waterproofing membranes manufactured by saturating and coating a polyester carrier with a waterproofing compound made of a special grade of modified bitumen with APP polymers. The upper and lower surfaces are laminated with polyethylene film.

Typical Applications

Waterproofing and damp-proof membranes for

- Concrete roof (Sloped/Flat roofs)
- Basements and swimming pools (Externally).
- Car park, irrigation canals lining, Concrete retaining structures

Packaging

Dr. Fixit Torchshield P Membranes are available in Roll sizes of 1 m X 10 m. Available in 3mm & 4mm thickness.

Features

- High strength reinforcement gives excellent resistance to puncture and stress.
- It is easily torch on applied and adheres well to the substrate.
- The modified bitumen membranes coating adheres well to contours.
- It is dimensionally stable to normal structural movements in the building.

Important Technical parameters

Elongation at break (L&T) %	60±20
Tensile strength (N/5cm)	L – 700 ± 10% T – 450 ± 10%
Tear strength (%)	L – 350 ± 10% T – 300 ± 10%
LAP Joint Strength (N/5CM)	L – 700 ± 10% T – 450 ± 10%

BUILDING ENVELOPE INSULATION SYSTEMS

Sr. No.	Product Name	EXTERNAL COATINGS AND INSULATION SYSTEMS		
		EXTERNAL WALL INSULATION & FINISHING SYSTEMS	ROOF INSULATION SYSTEMS	
			Residential	Commercial
Insulation Systems				
1	WalAce System (EIFS)	▪		
2	Dr. Fixit Foamshield			▪
3	Dr. Fixit Blueseal		▪	

2.1
WalAce EIFS

Important Technical parameters

Impact Resistance	10 Joules
Water absorption	<0.5 Kg/m^2
Fire classification	B-s3, d0 or greater
Certification	ETAG, GRIHA

External wall insulation and finishing system

WalAce® is an external insulated façade system that combines superior functional performance with aesthetics. It is a multi-layer system on exterior walls that comprises of i) an insulation panel fixed with adhesive ii) base coat with reinforcing mesh and iii) a layer of finish acrylic render available in a range of colours. WalAce® is a proven system for building highly durable facades that deliver high performance against ingress of heat & water.

Typical Applications

- External walls

Packaging

WalAce Adhesive/ Mortar – 25 Kg Bags

WalAce Mesh – 1m x50m rolls

UnoFin Acrylic Texture – 20 Kg bucket

Features

- Superior wall assembly that replaces conventional plaster + putty + primer + paint build up.
- Insulated wall system – High energy efficiency & reduction in air conditioning loads, savings in electricity costs.
- Offers high degree of resistance to cracking, protection against mold, mildew & weathering, thereby ensuring an aesthetically pleasing and long-lasting façade that improves energy efficiency of the building.
- Vibrant finish with high quality acrylic texture which has excellent resistance to mold, mildew, and aging.

2.2
Dr. Fixit Foamshield

Important Technical parameters

Density	45 – 50 Kg/m3
Compressive strength	> 300 kPa
Tensile strength	> 400 kPa
Thermal conductivity	0.023 W/mK

Spray applied polyurethane foam system

Dr. Fixit Foamshield is a two component CFC & HCFC Free, polymeric MDI based system for producing rigid polyurethane foam by spray application for Thermal Insulation. It complies to IS 12432 – Part 3 for Application.

Typical Applications

- Roof
- Cold storages
- Tank Insulations

Packaging

Drums: Activator : 250 kg.
Base : 210 kg.

Features

- CFC & HCFC free, Green Compliance.
- Light weight with high compressive strength.
- Seamless insulation with no thermal bridging.
- Low thermal conductivity, high reduction in heat ingress through roofs.

2.3
Dr. Fixit Blueseal

Important Technical parameters

Density	>55 Kg/m^3
Compressive strength	>500 kPa
Tensile strength	>500 kPa
Closed cell content	>95%

Spray applied polyurethane foam system

Dr. Fixit Blueseal is a two component CFC & HCFC Free, polymeric MDI based system for producing rigid polyurethane foam by spray application. It complies to IS 12432 – Part 3 for Application.

Typical Applications

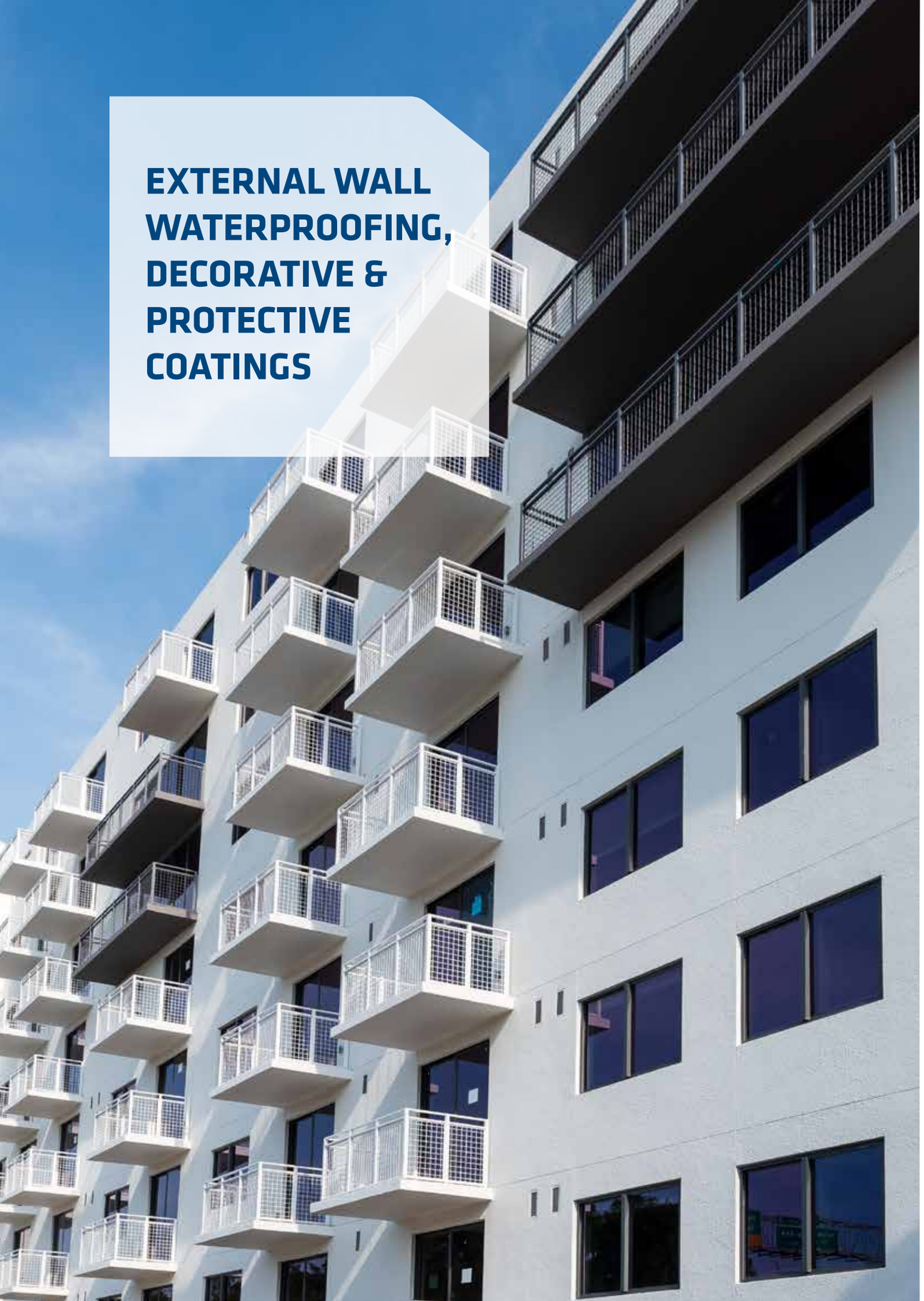
- Roof Insulation

Packaging

Drums: Activator : 250 kg,
Base : 210 kg

Features

- CFC & HCFC free, Green Compliance.
- Jointless Insulation, no thermal bridging.
- Low thermal conductivity, High thermal resistance.
- Easy to apply.



EXTERNAL WALL WATERPROOFING, DECORATIVE & PROTECTIVE COATINGS

Sr. No.	Product Name	EXTERNAL WALL WATERPROOFING, DECORATIVE & PROTECTIVE COATINGS	
		Building External Walls	Protective Coatings for Concrete
Coatings			
1	Dr. Fixit Raincoat Series	▪	
2	Dr. Fixit Concrete Guard WB		▪
3	Durathane 100 EA		▪
4	Dr. Fixit Raincoat Waterproofing Coating	▪	
5	Dr. Fixit Raincoat Star	▪	

3.1
Dr. Fixit Raincoat

Acrylic elastomeric exterior waterproof coating

Dr. Fixit Raincoat is composed of high-quality acrylic emulsion polymer, UV resistant & weather durable pigments, properly selected & graded fine fillers, additives & biocides. It is used as a waterproofing & protective coating for exterior walls of the buildings.

Typical Applications

- All types of exterior masonry sur faces, concrete, cement sand renderings, etc
- Applicable on asbestos sheets

Packaging

White Base - 1, 4 & 20 litre.
Mid Tone and Dark Base - 900 ml, 3.8 & 19 litre.

Features

- Flexibility - Flexible and covers hairline cracks effectively.
- Excellent resistance to carbonation -Superior structural protection.
- Resistance to fungus and algae – Maintains the aesthetic value.
- Very low dirt pick up & can be cleaned easily.

Important Technical parameters

Tensile Strength	1.5N/mm^2
Elongation	Min 100%
Adhesion strength	1N/mm^2
Crack bridging ability	1mm

3.2
Dr. Fixit Raincoat Waterproofing Coating

Universal elastomeric exterior waterproof coating

Dr. Fixit Raincoat Waterproof Coating is composed of high-quality emulsion polymer, weather durable pigments, properly selected & graded fine fillers, additives & biocides. It is used as a waterproofing & protective coating for exterior walls of the buildings.

Typical Applications

- All types of exterior masonry sur faces, concrete, cement sand renderings, etc.
- Applicable on cement sheets

Packaging

1, 4, 10 & 20 litre

Features

- Flexible covers hairline cracks (up to 0.5 mm) effectively, thus prevents ingress of water.
- Toughness – Tough film withstands wind driven rain.
- Ready to use – No dilution is required.
- Ease of application – User friendly, easily applicable by brush, roller or spray.

Important Technical parameters

Elongation	Min 100%
Tensile Strength	2 N/mm^2
Adhesion strength	1 N/mm^2
Solid content	60-65%

3.3
Dr. Fixit Raincoat Star

Hydrophobic acrylate exterior wall coating

Dr. Fixit Raincoat Star is an exterior wall coating based on Acrylate technology with hydrophobic properties. This innovative product offers unique waterproofing and water-resistant capabilities, effectively guarding against dampness caused by heavy rain. It is specifically designed to provide a luxurious finish while preserving the vibrant colour for an extended period.

Typical Applications

- All types of exterior masonry sur faces, concrete, cement sand renderings, existing coating etc
- Applicable on exterior wall fibre cement board sheets

Packaging

4, 10 & 20 litres

Features

- Waterproofing: The high-build finish provides excellent water resistance.
- UV protection: Prevent fading and discoloration from the sun's UV radiation.
- Anti-algal: Enhanced resistance to dirt and algae.
- Crack bridging: elastic film covers hairline cracks.

Important Technical parameters

Elongation	≥ 100 %
Tensile Strength	≥ 3.5 N/mm^2
Crack bridging	1mm
Adhesion strength	≥ 2N/mm^2

3.4
Dr. Fixit Raincoat Neo

Primerless high build waterproof acrylate coating for exterior surfaces

Dr. Fixit Raincoat Neo is acrylate copolymers based elastomeric exterior wall waterproof coating designed with weather resistant acrylate polymers. It is UV resistant and offers good hiding and spreading & develops a strong inter-coat adhesion with the substrate therefore no separate primer is required.

Typical Applications

- Plastered vertical wall surface
- Already painted wall

Packaging

White Base 1, 4 & 20 litre
Mid Tone 950 ml, 3.8 & 19 litre
Dark Base 950 ml, 3.8 & 19 litre

Features

- Waterproofing - More durability & thicker coat than ordinary exterior paint.
- UV protection - Provides complete weather protection from heat and rain.
- Crack bridging – Elastic film covers hair line cracks.
- Colour Variants – Tintable; available in wide range of colour variants.

Important Technical parameters

Tensile Strength	≥1.5 MPa
Elongation	≥125%
Pull-off adhesion strength	≥1.5 MPa
Coating thickness	100-110 microns

3.5
Dr. Fixit
Raincoat Classic

Important Technical parameters

Tensile Strength	2.5 N/mm²
Elongation	Min 100%
Positive hydrostatic pressure	7 Bar
Crack bridging ability	Class A4

Reactive acrylate copolymers

Dr. Fixit Raincoat Classic is composed of reactive acrylate copolymers, water-based elastomer for waterproofing exterior masonry wall substrate and designed to beautify and protect structures from damage due to weathering and moisture intrusion. It can be tinted to any colour, retaining the colour long-term.

Typical Applications

- All types of exterior masonry sur faces, concrete, cement sand renderings, existing coating etc
- Applicable on exterior wall fibre cement board sheets

Packaging

1, 4 ,10 & 20 litres

Features

- Excellent resistance to carbonation -Superior structural protection.
- Flexibility - Flexible and covers hairline cracks effectively.
- High elasticity -Withstands stress due to thermal expansions & contractions.
- Very low dirt pick up & can be cleaned easily.

3.6
Dr. Fixit
Raincoat Select Topcoat

Important Technical parameters

Tensile Strength	2.5 MPa
Elongation	100%
Crack bridging ability	Class A4
Accelerated QUV @ 3000 hours	Passes

High sheen elastomeric waterproof coating for external walls

Dr. Fixit Raincoat Select Top Coat is waterproof external wall coating based on Acrylate with Flutyne technology. It is specially formulated for superior performance on exterior walls with unique water-resistant properties against fungi, algae and dampness caused by lashing rain.

Typical Applications

- All types of exterior masonry sur faces, concrete, cement sand renderings, existing coating etc
- Applicable on cement sheets

Packaging

1, 4 ,10 & 20 litres

Features

- Provides excellent colour retention for a long-lasting attractive finish.
- Excellent resistance to carbonation -Superior structural protection.
- Very low dirt pick up & can be cleaned easily hence maintains the aesthetics.
- User friendly, easily applicable by brush, roller or spray.

3.7
Dr. Fixit
Concrete Guard WB

Important Technical parameters

Adhesion Strength	≥2N/mm²
Tensile Strength	≥2N/mm²
Elongation	≥200%
Crack bridging ability	2mm

Water based acrylic anti-carbonation coating

Dr. Fixit Concrete Guard WB is specially formulated to protect reinforced concrete and other masonry cementitious substrate that is directly exposed to atmospheric conditions like UV radiation, high humidity, heavy rain, industrial pollution, & carbonation.

Typical Applications

- Bridges, flyovers, subways, under pass, stadiums, exterior surface of RCC water tanks etc
- Concrete structures that are ex posed to atmospheric conditions

Packaging

20 litre

Features

- Anti-Carbonation – Excellent barrier to penetration & attack of carbon dioxide, water, sulphates and chloride ions.
- Protects the structures from adverse marine and coastal environments.
- Micro-organism resistance – Excellent algae / fungal resistance.
- Durability – tough, flexible & durable coating.

3.8
Durathane 100 EA

Important Technical parameters

Adhesion pull off strength	≥2 MPa(Concrete), ≥10 MPa (Steel)
Tensile Strength	≥10 MPa
Recoverable Elongation	≥30 %
Shore D Hardness	≥55

Solventless spray-applied elastomeric pu lining

Durathane 100 EA is a solventless spray-applied elastomeric polyurethane fast curing coating recommended as a protective coating and lining for concrete and steel structures. It is exceptionally resistant to most chemicals and is resilient to withstand accelerated weathering conditions.

Typical Applications

- It is extensively used for internal and external linings for pipelines, concrete tunnels, thermal power cooling towers (NDCT), Storage tanks, mounded bullets, reservoirs, overhead tanks, marine and off shore structures

Packaging

200 Litre MS drum

Features

- The coating has excellent film build capabilities and can achieve 500 microns to 3000 microns DFT in single application with multiple passes
- Protects against microbiologically induced corrosion (MIC), making it ideal for waste water applications.
- Resistance to sea water with excellent corrosion and erosion resistance.

PRIMERS FOR WATERPROOFING, DECORATIVE & PROTECTIVE COATINGS

4.1
Dr. Fixit
Cipoxy 16 D

Solvent free epoxy primer

Dr. Fixit Cipoxy 16D is a solventless, medium viscous, epoxy primer.

Typical Applications

- Cipoxy 16D is used as primer / sealer in conjunction with epoxy, PU and polyurea coating system and bonding primer for corrugated metalroof

Packaging

40 litre Pack

Features

- Penetration: Low viscosity penetrates into concrete surfaces.
- Excellent Bonding: Bonds strongly to damp concrete surfaces moisture content up to 7%.
- User friendly: Does not blister on curing.
- Multipurpose : The most suitable epoxy primer for PU, polyurea and top coats.

Important Technical parameters

Solid content by weight	≥98%
Pull off adhesion on concrete	>2 MPa
Pot Life @27°C	≥60 minutes
Tack Free dry time @30°C	<8 hours

4.2
Dr. Fixit
Torchshield Primer

Solvent based bitumen primer

Dr. Fixit Torchshield Primer is a solvent-based bitumen modified primer conforming to ASTM D/41, to be used to seal and prepare the substrate prior to the installation of the Dr. Fixit Torchshield torch-on and Dr. Fixit Samshield self-adhesive membranes.

Typical Applications

- Ensure that the surface to be primed is dry and free from dust, oil, paint, curing compounds and any other contaminating materials

Packaging

20 litres

Features

- Excellent adhesion.
- Non-blushing in humid environments.
- It acts as a binder for the dust particles which gets accumulated on the concrete surface even after cleaning.

Important Technical parameters

Solid content by weight	53-59% ± 2%
Water content	Max 0.5%
Tack Free time @30˚C	Max 4 hours
Drying time @30˚C	24 hours

4.3
Dr. Fixit
Primeseal Primer

Efflorescence resistant penetrating primer

Dr. Fixit Primeseal is water-based primer composed of acrylic emulsion polymer, properly selected fine fillers, white pigments & additives in water as a medium. It is used as primer over exterior & interior building walls before application of water-based paints.

Typical Applications

- Priming of plastered walls, asbes tos, concrete surface, etc

Packaging

1, 4, 10, 20 litres

Features

- Efflorescence - Provides excellent efflorescence resistance due to its chemical inertness.
- Bonding - Good binding of chalky or porous substrates and over coating.
- Suitability - Used as a primer on internal and external surfaces.
- Provides deep penetration thus imparts excellent substrate adhesion.

Important Technical parameters

Solid content	Min 48%
Bonding strength	Excellent to porous substrates
Tensile strength	>2N/mm^2
Weathering resistance	Excellent

4.4
Dr. Fixit
Primer AC

Water based anti-corrosive primer

Dr. Fixit Primer AC is a single component waterborne Anti-Corrosive Primer for metal and concrete substrates providing excellent adhesion and corrosion protection. It is a fast-drying primer with excellent adhesion over a wide range of metal substrates.

Typical Applications

- Applications over structural steel, mild steel, cold rolled steel, galva nized steel, aluminium & other metal substrates/concrete. Also suitable for medium to heavy duty iron & steel corrosion protection

Packaging

4 & 20 litres

Features

- Excellent corrosion resistance.
- Excellent resistance to water, mild acids, alkali and soluble metal salts.
- Fast drying, high scratch resistant dry film & excellent bonding for topcoat.
- Provides excellent surface bonding to various metal substrates.

Important Technical parameters

Solid content	Min 52%
Adhesion(MS,G-Steel& Aluminum)	Excellent
Water resistance	Excellent
Continuous Salt spray fog test	100 hrs. passes

4.5
Dr. Fixit
Primeseal Plus

Single component speacility waterborne primer for smooth and hard surfaces

Dr. Fixit Primeseal Plus is a single component high-performance primer specifically developed for providing adhesion over non porous substrates such as existing ceramic tiles, vitrified tiles or clay roof tile. It provides outstanding adhesion properties to the topcoat, when subsequently applied.

Typical Applications

- Priming smooth and non-porous surfaces to coat over, such as Ceramic tiles, Mosaic Tiles, Marble stone, Clay tiles, Cement Screed, etc

Packaging

5 & 20 litres

Features

- Strong Adhesion Strength on Hard & Smooth Surfaces.
- Non-Flammable & Non-Toxic.
- Fast Drying & Early Water Resistance.
- Excellent Resistance to Water Ponding.

Important Technical parameters

Weight solids	56.0 ± 1.5 %
Adhesion bond strength	Excellent (5A)
Thermal shock resistance	Excellent (5A)
Water resistance (By immersion)	Excellent

4.6
Dr. Fixit
Superseal P 200 WB

Two component low-viscous water-based epoxy primer

Dr. Fixit Superseal P 200 WB is a two-component water-based epoxy coating mixed in the ratio of 1:1 by volume. This primer is suitable for application over concrete surfaces and recommended for both old and new concrete substrates.

Typical Applications

- Primer for Dr. Fixit® range of polyurethane range of products
- Primer when humidity barrier properties are required
- Sealing coat for concrete

Packaging

8 litre (comp. A: 4 litre & comp. B: 4 litre)

Features

- Ease of application: 1:1 by volume application ratio by brush/roller.
- Good Penetration: Low viscosity penetrates concrete surfaces.
- Bonding: Strong adhesion even on damp or green concrete.
- Safe to apply: Low-odour, safe and non-flammable (zero VOC).

Important Technical parameters

Specific Gravity of mix @25˚C	1.0
Pot life @25˚C	60 mins
Re-coat time	6-24 hours
Adhesion to concrete	2 MPa

4.7
Dr. Fixit
Primo White

Alkali resistant acrylic external wall primer

Dr. Fixit Primo White is a single component water-based Alkali Resistant primer for interior and exterior walls before applying water base waterproofing coatings. It is intended to be used on fresh plaster and porous concrete wall surface. The product features excellent adhesion and superior brightness and covering capacity is compatible with all exterior paint and topcoats.

Typical Applications

- Priming for Plastered wall surface
- Concrete surface
- Asbestos

Packaging

White Base 1, 4, 10 & 20 litre.

Features

- Superior opacity and whiteness over other exterior primers.
- Excellent to bonding to porous substrate.
- Seals chalky surface and enhance life of topcoat.
- Low VOC, Free from mercury and lead.

Important Technical parameters

Tensile strength	> 2.5 N/mm²
Adhesion strength	Excellent
Time for surface drying	30 mins
Alkali resistance	Good

4.8
Dr. Fixit
Primo Putty

Acrylic exterior wall putty primer

Dr. Fixit Primo Putty is a unique aqueous co-polymer-based bonding primer designed for application on external and internal white cement putty surfaces for adhesion between the putty wall and topcoat material. It has excellent adhesion and enhances durability of topcoat coating.

Typical Applications

- Bonding primer for white cement based putty surface for both interior and exterior walls

Packaging

4, 10 & 20 Ltr

Features

- Improves adhesion of topcoat.
- Fast drying
- Simple and quick application.
- Eco-Friendly & Very low VOC.

GROUTS

Sr. No.	Product Name	GROUTS		
		Baseplate foundation of Heavy machinery	Equipment foundations/ Anchor Pocket	Equipment foundations (If Chemical Spillages is expected)
Coatings				
1	Pagel V1/50	▪	▪	
2	Dr. Fixit Pidigrout 10M		▪	
3	Cipogrout 1000	▪	▪	▪

5.1
Pagel V1/50

Important Technical parameters

Density of freshly mixed mortar	2300 Kg/m^3
E Module (Cylinder) at 90 days	39.3 N/mm^2
Bending strength at 28 days	10 N/mm^2
Compressive strength at 28 days	80-85 N/mm^2

High strength non-shrink cementitous grout

Pagel V1/50 is a cement-based, chloride-free, and non-shrink precision grout for critical applications of any kind having high workability. Universal grout for precision machines of any kind. Grouting height from 20 – 120 mm.

Typical Applications

- Precision machines of any kind, Turbines, Generators,compressors, Diesel engines, anchor screws, levelling units, sole plates, bridge bearings, steel and concrete columns etc

Packaging

30 Kg

Features

- High flowability, even after 60 minutes.
- Resistant to freeze/thaw cycles, waterproof, resistant to oil and petrol.
- Resistance to cracks even when having a low W/C value (0.35).
- Meets requirements of CRD-C- 621-83, ASTM-C-1107 grade C, ASTM-C-827 and ASTM-C-1090, IS-4031-1988.

5.2
Dr. Fixit Pidigrout 10M

Important Technical parameters

Fresh wet density	2250-2400 Kg/m^3
Tensile strength at 28 days	5N/mm^2
Flexural strength at 28 days	10N/mm^2
Compressive strength at 28 days	66N/mm^2

Dual shrinkage cementitious flowable grout for repair rcc structures

Dr. Fixit Pidigrout 10M is a ready to use, non-shrink, free-flowing and high strength cementitious grout. It is engineered designed suitable for precision grouting where it is essential to withstand static and dynamic loads.

Typical Applications

- Baseplate foundation of Heavy machinery and equipment foundations like boiler foundation and turbine generator bearing. Bridge bearing pads, Cavities, gaps, recesses and anchorage etc

Packaging

25 Kg and 50 Kg

Features

- Provides excellent durability and strong structural repair.
- Dual expansion system with long-term drying shrinkage, hence reducing cracking tendency.
- High built technology : Can be applied up to 60mm thickness in single layer.
- Self-compacting grout to ensure high level load bearing areas.

5.3
Cipogrout 1000

Important Technical parameters

Density of mix	2.05 gm/cc
Flexural strength	25-27 MPa
Tensile strength	12-14 MPa
Compressive strength at 7 days	≥ 100 MPa

Epoxy based three component grout

Cipogrout 1000 is a three-component, pourable, high strength grout based on a specially developed epoxy polymer. Designed to withstand high static and dynamic loads, it provides high compressive strength of over 100 MPa coupled with excellent flexural strength and chemical resistance.

Typical Applications

- Base-plate grouting, crane & transporter rails, Industrial equipment subjected to dynamic loads, Equipment bases where chemical spillages occur, Grouting pre-cast concrete panels, Floor repairs

Packaging

28 Kg Kit

Features

- Excellent chemical resistance against oil, grease, etc.
- Excellent adhesion to steel and concrete.
- Predictable and reproducible performance.
- Higher compressive strength than any contemporary grouts.

SEALANTS

Sr. No.	Product Name	GENERAL INDUSTRY											
		EXPANSION JOINTS		HORIZONTAL CONCRETE PAVEMENT	WINDOW & DOOR PERIMETERS	STATIC CRACKS IN RCC	TRAFFICKED JOINTS	FLOOR JOINTS	BRICK & CONCRETE WALL JOINTS	EXTERNAL CLADDING	GRC PANELS, PARTITION WALLS, EIFS	FIXING GLASS INTO ALUMINIUM FRAMES	INTERIOR AC DUCT SEALING
		Horizontal	Vertical										
1	Dr. Fixit Pidiseal PS 41 G		▪										
2	Dr. Fixit Pidiseal PS 42 P	▪											
3	Dr. Fixit Pidiseal PS43	▪		▪			▪	▪					
4	Feviseal HY 200					▪			▪	▪			
5	Feviseal HY 300			▪			▪	▪			▪		
6	Feviseal HY 100	▪	▪		▪	▪			▪				
7	Feviseal Weatherproof PRO											▪	
8	Feviseal Neutral Pro												▪
9	Dr. Fixit Silicone Sealant				▪								

6.1
Dr. Fixit
Pidiseal PS 41G

Two components polysulphide sealants (gun grade)

Dr. Fixit Pidiseal PS 41 G is a two-part elastomeric sealant based on a liquid polysulphide polymer, which when mixed with accelerator cures by chemical reaction to form a tough, flexible rubber seal. It is used for sealing of construction, expansion & contraction joint application to seal the joint hermetically.

Typical Applications

- Sealing of moving and construction joints, joints between different construction materials, structural expansion & contraction joints, Vehicular and pedestrian traffic pavement joints

Packaging

6.5 kg (approx. 3850 ml)

32.0 kg (approx. 18850 ml)

Features

- Thixotropic material- It does not sag.
- High elasticity - Benefits movements accommodations in joints with MAF of 25% for lap joints and 50% for butt joints.
- It is Non-toxic - Suitable in water tank & reservoir application.
- Resistant to sunlight (UV rays) and ozone.

Important Technical parameters

Setting time @30˚C	24 Hours
Tensile Strength	3-5 Kg/cm^2
Elongation	500-600%
Adhesion/Bond strength	3-4 Kg/2.5 cm

6.2
Dr. Fixit
Pidiseal PS 42P

Two component polysulphide sealant (pouring grade)

It is a two-part elastomeric sealant based on a liquid polysulphide polymer, which when mixed with accelerator cures by chemical reaction to form a tough, flexible rubber seal. It is used for sealing of construction, expansion & contraction joint application to seal the joint hermetically.

Typical Applications

- Sealing of moving and construction joints, joints between different construction materials, structural expansion & contraction joints, Vehicular and pedestrian traffic pavement joints

Packaging

6.5 kg. (approx. 4100 ml)

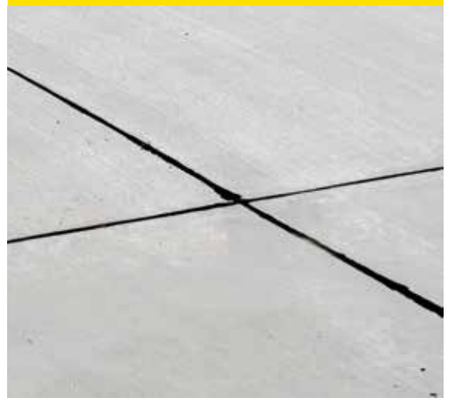
Features

- Self-levelling Material in horizontal surfaces.
- High Elasticity benefits movements accommodations in joints.
- Accommodates continuous & pronounced cyclic movements with MAF of 25% for lap joints and 50% for butt joints.
- Good resistance to bio-degradation benefits water retaining structure application.

Important Technical parameters

Setting time @30˚C	24 Hours
Tensile Strength	3-5 Kg/cm^2
Elongation	500-600%
Adhesion/Bond strength	3-4 Kg/2.5 cm

6.3
Dr. Fixit
Pidiseal PS 43



Fuel resistant, two-part polysulphide sealant

Dr. Fixit Pidiseal PS 43 is a two-part elastomeric sealant based on a liquid polysulphide polymer & has excellent fuel resistance, adhesion to different substrates like masonry, concrete with excellent movement accommodation. It is far more superior to conventional joint sealant materials.

Typical Applications

- Parking, cargo areas, Garages & subways
- Moving and construction joints in bridges & concrete highways.
- Airport runways, Aircraft fuelling & parking areas.

Packaging

6.5 kg. (approx. 3850 ml)

32.0 kg. (approx. 18850 ml).

Features

- Cold applied, No pre- heating.
- Easily pourable from the container & it is self-levelling.
- Recovers its original size and shape after expansion & contraction movements.
- Resistant to aircraft fuels, sunlight (UV rays) and ozone.

Important Technical parameters

Service temperature range	-15˚C to 80˚C
Adhesion & Cohesion	No failure
Flame Resistance	Pass
Hardness (Shore A)	10-15

6.4
Feviseal HY 200

Advanced one component polyurethane sealant

Feviseal HY 200 is one component moisture curing, low modulus hybrid polyurethane sealant. It is a new generation isocyanate-solvent free sealant that brings together all the mechanical properties of polyurethane and silicone sealant. It complies to ASTM C920 Type S, Grade NS, Class 25 NT.

Typical Applications

- Control Joints.
- Repairing of non-moving concrete cracks.
- Sealing Joints in between tiles, bricks, and marble etc.
- Window & door frames, Skirting, Parapets & Balcony, Curtain wall.
- For termination in waterproofing work.

Packaging

Available in 600 ml Sausage

Features

- Ready to use single component product.
- Forms a permanent, tough, elastic rubber seal.
- Excellent adhesion with low dirt pickup
- No bubble formation

Important Technical parameters

Movement Capability	±25%
Peel strength to concrete	> 30N
Tensile strength	> 0.8 MPa
Elongation at break	> 200%

6.5
Feviseal HY 300

High modulus hybrid sealant & adhesive

Feviseal HY 300-gun grade is is a one-part moisture curing high modulus hybrid sealant. It has excellent adhesion over a wide variety of substrates & is Paint-able with most common industrial paints.This sealant has been specifically formulated as a non-staining sealant.

Typical Applications

As an elastic joint sealer for:

- Control joints, Air ducts and high vacuum systems, Gaskets in open ings in walls or floors for ducts, piling, Aluminium fabrication etc

Packaging

Available in 600 ml sausage

Features

- Abrasion resistant including foot traffic.
- Excellent adhesion to a wide variety of substrates.
- Permanently Flexible with low dirt pick-up
- Excellent low temperature gun ability.

Important Technical parameters

Service temperature range	-40˚C to 100˚C
Elongation at break	Minimum 400%
Tensile Strength	1.8 Mpa
Movement Accommodation Factor	±25%

6.6
Feviseal HY 100

Low modulus hybrid sealant

Feviseal HY 100 is one component moisture curing, low modulus silyl modified polymer sealant. It is a new generation isocyanate-solvent free sealant that brings together all the mechanical properties of polyurethane and silicone sealant.

Typical Applications

- Sealing of expansion andconstruction joints as well as joints between different construction materials in high - rise buildings, basements, floorings, between precast concrete panels etc

Packaging

Available in 600ml sausage

Features

- Good primer less adhesion on many common construction substrates.
- Damp surface tolerant and no bubble formation.
- Excellent adhesion to a wide variety of substrates.
- Environmentally friendly and resistant to chemicals.

Important Technical parameters

Service temperature range	-40˚C to 100˚C
Shore A Hardness	35±5
Tensile Strength	0.8 Mpa
Movement Accommodation Factor	±25%

6.7
Feviseal Weatherproof Pro

Weatherproof silicone sealant

Feviseal weatherproof pro is a one-part premium neutral curing silicone sealant for use in new or remedial weatherproofing applications. In addition to the unique features of silicone rubber, Feviseal weatherproof Pro provides excellent adhesion to glass, metal and numerous construction materials.

Typical Applications

- Ideal for sealing glass, aluminium, non-oily wood, brick, concrete, steel, ceramic, selected plastics, etc, Sealing of aluminium/glass window frame joints, Expansion joints, metal curtain walls, General glazing etc

Packaging

280 ml plastic cartridge with separate nozzle. Available in White, Clear & Black

Features

- It is completely non-sagging in nature.
- Tough & flexible after curing -performs well during expansion & contraction.
- Good UV resistance & insulation properties.
- Primeless adhesion to most porous and non-porous building material.

Important Technical parameters

Tensile Strength (White & Black)	1.5 N/mm²
Tear Strength (White & Black)	7 N/mm
Elongation (White & Black)	900 %
Shore A Hardness (White & Black)	30

6.8
Feviseal Neutral Pro

Neutral silicone sealant

Feviseal Neutral Pro one-part Neutral Cure Silicone Sealant is a non-slump, moisture-curing RTV (room temperature vulcanizing) that cures to form a tough, medium modulus rubber for long- term flexibility and durability.

Typical Applications

- Sealing for housing windows, metal cladding, ducting and interior sealing in building and housing and sealing glass, aluminium, non-oily wood, brick, concrete,steel, ceramic, selected plastics, etc

Packaging

280 ml plastic cartridge with separate nozzle. Available in White, Clear & Black

Features

- One component ready to use, Neutral Cure, Fast skinning and curing.
- Outstanding resistance to Ozone, UV, moisture & temperature extremes.
- Cured sealant remains stable and flexible from - 40°C to + 150°C.
- Primer-less adhesion to glass, aluminium and most building substrates.

Important Technical parameters

Tensile strength (Black)	1.4 N/mm²
Elongation @ break (White & Black)	500%
Tear Strength (White & Black)	4 N/mm
Shore A Hardness (White & Black)	35

6.9
Dr. Fixit
Silicone Sealant

Important Technical parameters

Shore A Hardness	10 -20
Adhesion/Bond strength	5 -6 Kg/2.5cm
Elongation at break	> 350 %
Movement Accommodation Factor	+/- 15

Acetic cure silicone sealant for windows

Dr. Fixit Silicone Sealant is an acetoxy cure, high modulus and single component silicone sealant. When properly cured, it becomes a permanently elastic compound. It has excellent adhesion to glass, ceramics and sanitary ware etc.

Typical Applications

- Ideal for sealing glass and aluminum & non-oily wood, sealing of aluminum/glass window frame joints, fixing glass into aluminum frames in lieu of rubber beading

Packaging

280 ml & 240 ml plastic cartridge with separate nozzle

Features

- No mixing is required, directly applicable through cartridge.
- Tough & flexible after curing-Performs well during expansion & contraction.
- Good UV resistance & insulation properties.
- Up to 95% recovery after plastic deformation.

6.10
Dr. Fixit
Pidiprime A

Important Technical parameters

Appearance	Very thin liquid like water
Specific gravity at 30^{0}C	0.81 +/- 0.02 cps
Surface dry time	10-15 minutes
Sealant application time after	30 minutes

One Pack Primer For Polysulphide Sealants

Dr. Fixit Pidiprime A is a one pack ready to use solvent containing solution of polymer. It enhances the bonding of Polysulphide Sealants with metal, glass, wood & cementitious surfaces. It is not recommended for application in areas where sealant remains in completely immersed in water.

Typical Applications

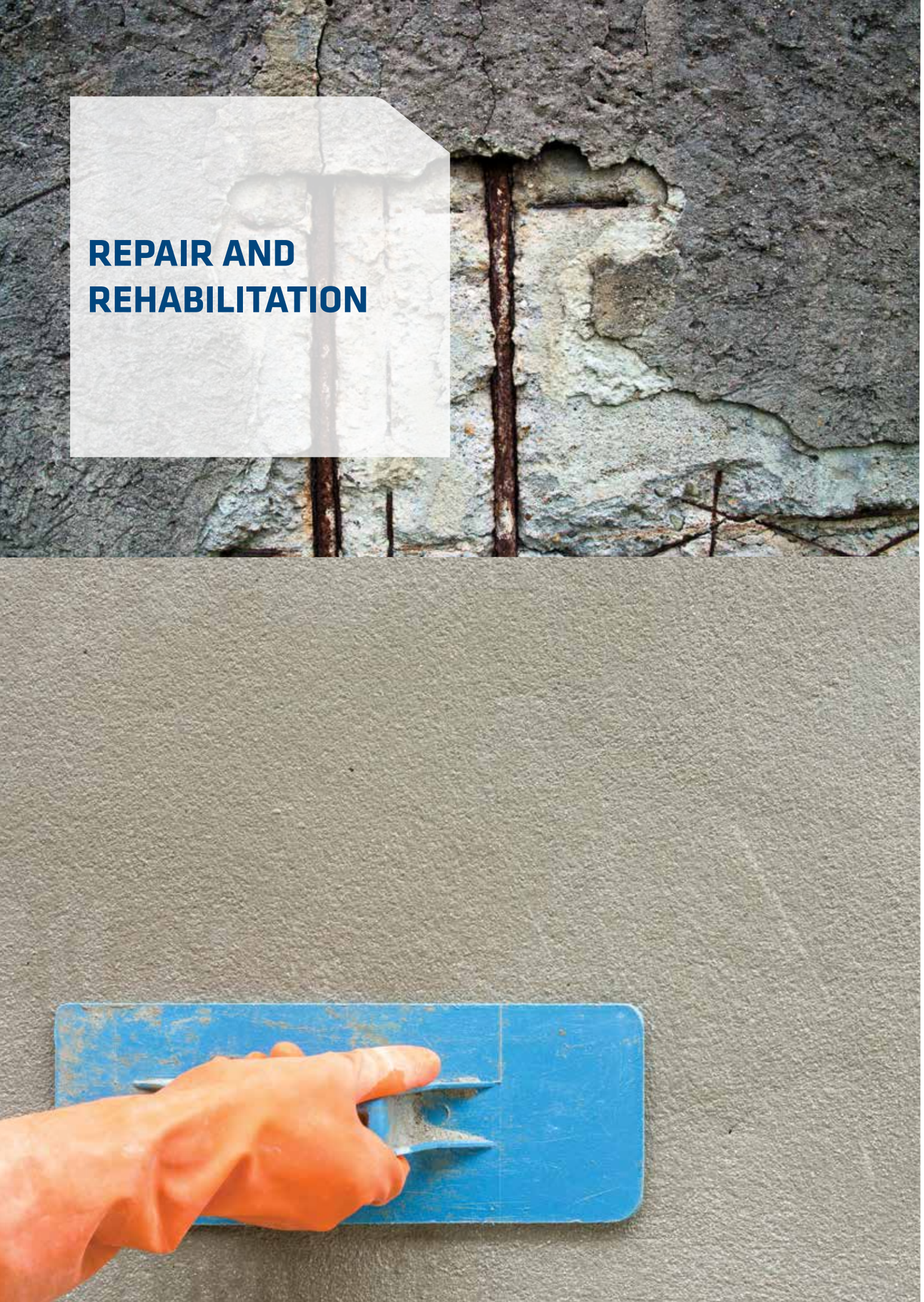
For enhancing bonding of Polysulphide Sealants, PU Sealants & Silicone Sealants with Aluminium, brass, steel, etc metallic surfaces, Glass, Porous surfaces like concrete, plasters & wood

Packaging

500ml, Colour – Water white

Features

- Application advantage - Ready to use brushable material.
- Drying - Surface drying is faster - saves time.
- Bonding - Strong adhesion to almost all building materials except plastics.
- Durability - Withstands to weathering conditions without loss of adhesion.



REPAIR AND REHABILITATION

Sr. No.	Product Name	REPAIR AND REHABILITATION				
		STRUCTURAL		INJECTION GROUTS	BONDING AGENT	ANCILIARY PRODUCT
		Structural Repair	Non Structural Repair			
REPAIR PRODUCTS						
1	Dr. Fixit Triflex ProDetail					▪
2	Dr. Fixit Triflex Protect					▪
3	Dr. Fixit Triflex SmartTec					▪
4	Dr. Fixit Micro Concrete	▪				
5	Dr. Fixit Repair ProPolymer Mortar HB	▪				
6	Dr. Fixit Repair Polymer Mortar	▪				
7	Dr. Fixit PU Plain Injection			▪		
8	Dr. Fixit PU Foam Injection			▪		
9	Dr. Fixit Epoxy Injection Grout			▪		
10	Dr. Fixit Inject AC 300-HP			▪		
11	Dr. Fixit Pidicrete AM			▪		
12	Dr. Fixit Epoxy Bonding Agent				▪	
13	Dr. Fixit Crack-X-Shrinkfree		▪			
14	Dr. Fixit Crack-X-Paste		▪			
15	Dr. Fixit Crack-X-Powder		▪			
16	Dr. Fixit Pidicrete MPB				▪	
17	Dr. Fixit Zinc Rich Primer					▪
18	Dr. Fixit Rust Remover					▪
19	Dr. Fixit Instant Leak Plug					▪
20	Dr. Fixit Pidicrete URP				▪	▪

7.1
Dr. Fixit
Triflex Prodetail

Pmma based liquid applied system for detailing and flashing

Dr. Fixit Triflex ProDetail is 2-component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base for specialized detailing and flashing in new construction and repairs. It offers excellent adhesion to majority of building material substrates & waterproofing materials, fast curing & ease of application.

Typical Applications

- Metal roof joints & J-Bolt detailing
- Upstands detailing, Skylights Pipe penetrations, A/C ducts
- Industrial metal gutters
- Concrete, metal, PVC and glass junction treatment

Packaging

Dr. Fixit Triflex ProDetail - 15 Kg Metal Drum

Dr. Fixit Triflex Catalyst – 25 kg Pack.

Dr. Fixit Triflex Fleece – 1.0 Mtr x 50 Mtr

Features

- Excellent adhesion on critical substrates like PVC, metal, glass, RCC etc.
- Extremely weather-resistant (UV, IR) etc.
- Fast-curing (rain proof in 30 mins).
- European Technical Assessment according to ETAG 005 with CE mark.

Important Technical parameters

Drying time at 20°C	45 minutes
Elongation (with fleece)	≥40 %
Tensile strength (with fleece)	≥3 N/mm²
Tear resistance (with fleece)	>20 N/mm

7.2
Dr. Fixit
Triflex Protect

Pmma based liquid applied system for flat & pitched roofs

Dr. Fixit Triflex ProTect is a 2- component, pigmented waterproofing resin with a polymethyl methacrylate (PMMA) base. It offers a combination of unique physical, mechanical and application properties like adhesion to majority of building material substrates & waterproofing materials, fast curing and ease of application.

Typical Applications

- Dr. Fixit Triflex ProTect is used as high quality and durable waterproofing product for flat and pitched roofs in new buildings and refurbishments

Packaging

Dr. Fixit Triflex ProTect - 20 Kg Metal Drum (Pebble Grey colour)
Dr. Fixit Triflex Catalyst – 0.5 kg Pack
Dr. Fixit Triflex Fleece – 0.52 Mtr x 50 Mtr roll.

Features

- Solvent free & fast curing.
- Excellent adhesion properties on a multitude of substrates.
- Elastic, crack bridging and flexible in low temperatures.
- Root-resistant according to FLL test methods.

Important Technical parameters

Elongation	> 100%
Tensile strength	> 3 N/mm²
Drying time @ 20°C	45 mins
Tear resistance (with fleece)	≥ 150 N / 15 mm

7.3
Dr. Fixit
Triflex SmartTec

Single component solvent free waterproofing system for application on wet Cementitious surface

Dr. Fixit Triflex SmartTec is a solventfree polyurethane base single component liquid applied waterproofing system based on STPE (Silyl terminated polyether) technology. The single-component material adheres to concrete and other absorbent substrates without the need for a primer, thus saving time and effort.

Typical Applications

- Concrete and screed subjected to moisture and dampness.
- Foundation waterproofing
- Ponds & Fountains
- Pile caps.
- Complex detailing in foundations

Packaging

Dr. Fixit Triflex SmartTec - 14 Kg Metal Drum (Available in RAL 7030 Stone Grey colour)
Dr. Fixit Triflex Fleece – 0.52 Mtr x 50 Mtr

Features

- Single component, no mixing errors
- Can be applied over damp surfaces.
- Fast curing (rainproof in 60 mins)
- No primer required.

Important Technical parameters

Shore A Hardness	65
Tensile strength (with fleece)	4 MPa
Fully hardened @ 23°C	48 hours
Fire resistance	Pass

7.4
Dr. Fixit
Micro Concrete

Flowable mortar for repairs to damaged reinforced concrete structure

Dr. Fixit Micro Concrete is a ready to use dual shrinkage compensated dry powder, requiring only the addition of clean water to produce a free flowing dimensionally stable micro concrete. It conforms to the requirements of EN 1504-3 class R4.

Typical Applications

- Repair of damaged/spalled con crete structures such as column beams, floors, for jacketing of RCC columns, slabs / beams to increase load-bearing capacity, Pile head repairs etc

Packaging

25 Kg Unit

Features

- Repair of damaged / spalled concrete structures such as columns, beams, floors and where access is restricted.
- Excellent bond to concrete substrates without independent primer.
- Can be applied 100 mm thickness in a single layer.
- Exceptional flow allows pumping or pouring into restricted locations.

Important Technical parameters

Compressive Strength @ 30°C	55N/mm² at 28 days
Flexural Strength @ 30°C	10.5N/mm² at 28 days
Tensile Strength @ 30°C	6N/mm² at 28 days
Bond shear strength	10N/mm² at 14 days

7.5
Dr. Fixit Repair Pro Polymer Mortar HB

High strength, high build, dual shrinkage compensated repair mortar

Dr. Fixit Polymer Mortar HB is a ready-to-use dimensionally stable cementitious fibre reinforced structural grade repair mortar. It produces a dense, high strength repair mortar, with excellent bond characteristics to steel and concrete. It conforms to the requirements of EN 1504-3 class R4.

Typical Applications

- Repairs to reinforced or pre stressed slabs, beams or columns, Repair of structural members subjected to repetitive loading, Overhead and vertical applications to restore concrete cover etc

Packaging

25 Kg Unit

Features

- Dual Shrinkage compensated - Reduces cracking tendencies.
- Fast and easy placing - reduced time for repairs.
- Excellent adhesion to both old concrete (≥ 2 MPa).
- specifically developed to provide an easy to-apply product.

Important Technical parameters

Compressive Strength @ 30°C	55 N/mm² at 28 days
Flexural Strength	10.5 N/mm² at 28 days
Tensile Strength	6 N/mm² at 28 days
Bond shear strength	10 N/mm² at 14 days

7.6
Dr. Fixit Repair Polymer Mortar

Fiber reinforced high strength dual shrinkage compensated trowalable polymer repair mortar

Dr. Fixit Repair Polymer Mortar is a ready to use dimensionally stable fibrous reinforced cementitious structural grade Polymer Repair Mortar. It produces a dense, high strength Polymer Repair Mortar, with excellent bond characteristics to steel and concrete. Dr. Fixit Repair Polymer Mortar is suitable for 5mm to 25mm thickness.

Typical Applications

- Repairs to reinforced or prestressed slabs, beams, retaining wall or columns.
- Overhead and vertical applications to restore concrete cover.
- For renovating and resurfacing concrete structures such as beams columns, building facades and more

Packaging

25 Kg Bag

Features

- Easy to use: Ready to use and reduce time for repair.
- Long term durable: Provides excellent durability and strong structural repair.
- Polymer Repair Mortar: Able to repair structural strengthening of concrete.
- Dual shrinkage compensated: Dual expansion system with long-term drying shrinkage, hence reducing cracking tendency

Important Technical parameters

Pot life	60 mins
Compressive strength at 28 days	38 MPa
Tensile Strength	> 1.5 MPa
Bond shear strength	Yes

7.7
Dr. Fixit PU Plain Injection

Two component polyurethane resin for crack sealing and grouting

Dr. Fixit PU Plain Injection is highly reactive two-component polyurethane for cracks in concrete or masonry & serves as horizontal water stop against capillary rising moisture in brickwork, stonework, etc. It has high penetration, quick setting, and forms tough and flexible polyurethane.

Typical Applications

- Permanent stopping of high-volume water ingress in underground structures, water leakage in dams and hydel power, water channels, sewers, manholes and utility boxes etc

Packaging

5 Kg

Features

- Very low viscosity and highly penetration in fine cracks and cavities.
- Durability – Provides structural strength and rigidity.
- Bonding – Bonds strongly to brick, stone & cementitious substrate in air & to wet surfaces.
- Non-toxic – It is approved by CFTRI for drinking water contact.

Important Technical parameters

Tensile strength	>1 MPa
Bond strength	> 2.5 N/mm²
Elongation at break	> 80%
Shore A Hardness	> 50

7.8
Dr. Fixit PU Foam Injection

Single component polyurethane foam injection grout

Dr. Fixit PU Foam Injection is based on hydrophobic polyurethane pre- polymer & accelerator composition. It only reacts when it comes in contact with water, producing a relatively stiff/inert polyurethane foam. It is a quick & temporary expanding grout for sealing of cracks leaks even under high hydrostatic pressure.

Typical Applications

- For defective concrete like cracks for water tank, wastewater effluent tank, and tunnels
- Also, for instant stopping of water ingress in underground structures

Packaging

5.5 Kg and 22 Kg

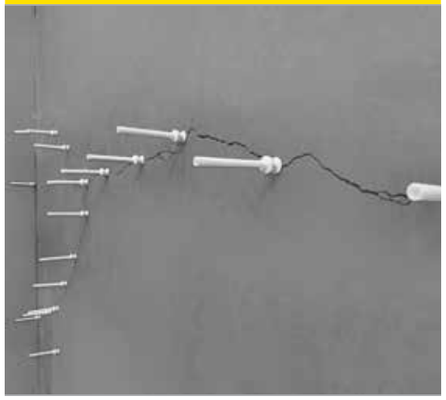
Features

- Lower mixed viscosity less than 350 cP - Penetrates macro & micro cracks.
- Durability-It provides structural strengthening by sealings cracks and cavities.
- Bonds strongly to dry & wet concrete, bricks & stones.
- Lower viscosity helps to penetrate macro as well as micro cracks.

Important Technical parameters

Expansion rate	> 30 times
Pot life (without mixing water)	Max 30 mins
Set time	< 5 Mins
Bond strength	0.43 N/mm²

7.9
Dr. Fixit
Epoxy Injection Grout



Two component low viscous epoxy based moisture insensitive injection grout

Dr. Fixit Epoxy Injection Grout is two component, low viscus and solvent free suitable for grouting application as well as to seal structural cracks in concrete. It provides deep penetration, shrink free solid mass, strong bonding inside the cracks and excellent resistance to honey combing & chemicals.

Typical Applications

- Permanent bonding solution for concrete cracks,Repair of crack concrete areas in floors, walls, tanks & sea walls, Injection in to cracks & honey combing in concrete & masonry

Packaging

1 Kg and 3 Kg

Features

- Seals & bonds strongly with cracks of concrete, floors & walls.
- Low viscosity helps in deep penetration into the cracks. Thus seals the cracks permanently.
- Suitable for repairs of heavy concrete structures like bridges, dams, buildings.
- High mechanical strength to ensure long working life.

Important Technical parameters

Compressive strength at 7 days	>70N/mm^2
Flexural strength at 7 days	>30N/mm^2
Tensile strength at 7 days	>15N/mm^2
Bond strength	Concrete Failure

7.10
Dr. Fixit
Inject AC 300-HP

Polyacrylate based hydrophilic polymeric gel

Dr. Fixit Inject AC 300-HP is a nonhazardous, Hydrophilic acry ate-based gel which is 4 component system to be injected with 2 components injection equipment. It is based on ultra-low viscosity hence most suitable for sealing micro cracks, dampness and reinjectable hose and packers.

Typical Applications

- Concrete structures.
- Diaphragm walls.
- Precast sections.
- Subway stations.
- Dampness / seepage waters.

Packaging

Part A1- Acrylic emulsion :20 Kg

Part A2- Accelerator :300gm

Part B1- Catalyst :350gm

Features

- User friendly - Nonhazardous and easy to inject.
- Ultra low viscosity - Highly penetrative in micro pores, cracks and through reinjectable hose system
- Quick reaction- Faster gelling and ideal to seal the water seepages.
- Reversible reaction- Reactive and reversible swelling action which prevent water seepages by hydrophilic characteristic and volume expansion

Important Technical parameters

pH	7 to 9
Adjustable gel time	1 to 12 Minutes
Viscosity by Brookfield, cP	< 5
Shore 00	> 50

7.11
Dr. Fixit
Pidicrete AM

Expansive plasticising admixture & grouting aid for cementitious grouts

Dr. Fixit Pidicrete AM is composed of plasticizers, expansion additives, polymers & defoamer. It is used for producing cementitious injection grouts for pressure / gravity injection into concrete structures. It meets the requirement of ASTM C 109: 99, ASTM C 307, BS 1881 Part 207.

Typical Applications

- For Injection Grouting in RCC slabs, Sunken slabs, RCC walls of water tanks, swimming pools, Basements for waterproofing purpose, Duct grouting, Rock and soil anchoring, Crack filling in structural cracks etc

Packaging

225 grams

Features

- Produce shrinkage compensating cement slurry.
- The mix (with cementitious grouts) has reduced permeability to water.
- Chloride and iron free, hence no chance of corrosion.
- Does not affect the setting time and strength of cement.

Important Technical parameters

Color	Brownish grey powder
Bulk density	0.92 - 1.06 gm/cc
Shrinkage	Nil
Setting time	30 - 600 mins

7.12
Dr. Fixit
Epoxy Bonding Agent

Two part solvent free epoxy resin based bonding agent

Dr. Fixit Epoxy Bonding Agent is composed of liquid epoxy resin and hardener. It is used for bonding of structural concrete new to old concrete and bonding agent for bricks and steel components because it gives excellent bonding properties to freshly mixed concrete/ mortars, glazed bricks, tiles, etc.

Typical Applications

- Bonding agent for bonding of old to new concrete / mortar, to extend or repair structural concrete, Bonding agent for glazed brick, tiles, steel & structural members

Packaging

1 Kg

Features

- Easily applicable by brush as a bonding agent for old to new concrete / mortar.
- Excellent adhesion to almost all building materials.
- Bond strength exceeds the tensile strength of concrete.
- Moisture tolerant - Provides strong bond between old and fresh concrete.

Important Technical parameters

Compressive strength at 7 days	>60 N/mm^2
Flexural strength	>25 N/mm^2
Tensile strength at 7 days	>10 N/mm^2
Shear bond strength	Concrete Failure

7.13
Dr. Fixit
Crack-X-Shrinkfree

One time shrink free filler for plaster cracks

Dr. Fixit Crack-X Shrinkfree is composed of best quality polymer, properly selected fillers & additives. It is fast drying, flexible, very light weight, soft putty like material used for filling cracks in plastered surfaces because it is 100% shrink free.

Typical Applications

- Internal & external surface cracks on plaster up to 10 mm width

Packaging

350 ml and 750 ml

Features

- Shrinkage –Non-shrink even after curing.
- User friendly – One pack, very soft paste, easily applicable by fingers or putty knife.
- Paintability – Easily paintable after one day of application.
- Non-toxic – It is non-toxic hence user friendly.

Important Technical parameters

Appearance	White paste
Base	Acrylic with specially added filler
Full curing time@ 30˚C, days	7
Specific gravity	0.26 +/-0.02

7.14
Dr. Fixit
Crack-X-Paste

Fibre reinforced polymer modified paste for internal and external crack repair

Dr. Fixit Crack-X Paste is ready to use with highly composed acrylic emulsion polymer to achieve highly elastic paste for internal and external crack repair. It is a single pack, ready to use flexible putty for filling the cracks in plastered surfaces it has excellent bonding, ease of application, water resistance, aesthetic & durability.

Typical Applications

- Internal & external Plastered brick masonry wall cracks of up to 5 mm width.

Packaging

300 gm, 500 gm, 1 Kg & 5 kg

Features

- Elastic polymers and micro fibres give long lasting permanent crack sealing.
- Flexible, therefore does not crack & accommodates minor movements in cracks.
- Paintability – Easily paintable after one day of application.
- Excellent adhesion with cementitious surface.

Important Technical parameters

Elongation	60-110%
Tensile strength	Minimum 1.1 MPa
Shore A (3 days)	Minimum 35
Shrinkage %	18-22

7.15
Dr. Fixit
Crack-X-Powder

Powder crack filler for surface cracks in internal and external surfaces

Dr. Fixit Crack-X Powder is a high strength, cement-based polymer modified powder material for filling cracks in plastered surface. It is composed of cement, properly selected aggregates, polymer & additives which requires on site addition of water only. It is ideal to fill 3 to 5 mm wider static cracks.

Typical Applications

- To fill the static cracks of 3 to 5 mm sizes in horizontal or vertical areas of buildings & structures
- Level the undulation of the un-plastered/plastered walls and ceilings before painting

Packaging

500 g, 1 Kg and 25 Kg

Features

- Polymer modified properties it gives long lasting permanent crack sealing.
- Eco- friendly – Does not contain solvent thus no emission of vapours.
- Strong adhesion on wood grain, pipe lagging common building substrates.
- It is do it yourself product. It requires only onsite addition of water.

Important Technical parameters

Colour	White
Application Life @25˚C	>20 minutes
Setting time@25˚C, hours	3 hours
Paintability	Paintable

7.16
Dr. Fixit
Pidicrete MPB

Acrylic multi-purpose binder

Dr. Fixit Pidicrete MPB is composed of acrylic co-polymer emulsions & additives. It is used as bonding agent for new to old substrates & cement mortar modifier because it provides strong bonds to old & new concrete. Improves tensile & flexural strength of concrete and increases the durability of the structure.

Typical Applications

- Concrete repair – spalled concrete, floor, columns, beams, Chajja, slab & parapet
- Bond coat –Old to new concrete, masonry, stonework plaster, fixing slip bricks, tiles, marbles & bedding etc

Packaging

1, 5, 10, 20, and 225 kg

Features

- Provides excellent bond to concrete, masonry, stonework, plywood, gypsum & plaster.
- Compatible with all common cements hence it is versatile.
- Improves waterproofing properties when admixed with cement.
- Flexibility - Improves flexural strength of cementitious composition.

Important Technical parameters

Chloride content	Nil
Compressive strength	30 – 40 N/mm² (Dry)
Adhesion to concrete	5 – 20 N/mm² (Dry)
Curing efficiency	>55

7.17
Dr. Fixit
Zinc Rich Primer

For cathodic protection to rebar and steel structures

Dr. Fixit Zinc Rich Epoxy Primer is supplied as a single component grey-coloured liquid based on metallic zinc and epoxy resins, provide active galvanic protection to steel. Recommended for use where chloride induced attack on steel and anti-corrosion primer for exposed steel reinforcement.

Typical Applications

- For coating of re-bars and steel surfaces

Packaging

1 Litre

Features

- Active rich system combats corrosion by electro chemicals means.
- Excellent compatibility and suitable primer for steel surfaces and can be over coated by epoxy or polyurethane coatings.
- Bonds strongly to cement concrete & mortars.
- Chemical resistance – Resistance to commonly used acids & alkali.

Important Technical parameters

Specific gravity	1.85 ± 0.05 g/cc
Inter coat time @30°C	1 Hour
Hard drying time	24 hours
Full curing	7 days

7.18
Dr. Fixit
Rust Remover

Liquid for cleaning rebars and steel structures

Dr. Fixit Rust Remover is based on chloride free chemical & additive solution in water. it is used as rust remover which effectively cleans rust from steel surfaces, before application of any protective coating.

Typical Applications

- On re-bars during repairs to reinforced concrete structures
- Maintenance of mild steel struc tures like tanks, water pipelines, shuttering plates and other corroded steel surfaces

Packaging

500 ml & 1 litre

Features

- Ease of application - Ready to use, easily applicable by brush.
- Effective rust removal even from areas difficult to reach & penetrate.
- Chloride free - Contains no chloride hence no chance of enhancing further corrosion.
- Economical - Cost effective because of good coverage.

Important Technical parameters

Appearance	Water consistency liquid
Colour	Brown
PH	Acidic
Specific gravity	1.20 +/– 0.03

7.19
Dr. Fixit
Instant Leak Plug

Rapid setting leak plugging compound

Dr. Fixit Instant Leak Plug is one component instant leak plugging compound is a rapid setting cement compound designed to stop active water leaks, seepage under pressure and leaking water through cracks or similar openings in concrete & masonry structures.

Typical Applications

- RCC water tanks and water retaining structures.
- Plugs running water leaks.
- Emergency repairs on concrete water pipes.
- Can be used to anchor fixings injection nozzles etc.

Packaging

1 Kg, 5 Kg

Features

- Quick Setting – Stops water leakage within 1-2 minutes on contact with water.
- Hardness – Hardens instantly under continuous wet condition.
- Effective wet crack sealing in concrete and masonry surfaces.
- Ease of application – No Curing required, can be applied by hand.

Important Technical parameters

Pot life	2 minutes
Setting time	3 minutes
Compressive strength at 28 days	20 MPa
Flexural strength at 28 days	3 MPa

7.20
Dr. Fixit
Pidicrete URP

SBR latex for waterproofing & repairs

Dr. Fixit Pidicrete URP is based on modified styrene butadiene latex supplied as a ready to use bonding agent in liquid consistency. It is used for repair of spalled concrete – floors, columns, beams, chajas, slabs as it bonds strongly to old & new concrete and to plasters.

Typical Applications

- For concrete repairs and as a bond coat for bonding of new concrete to old concrete, masonry stone work, plastering

Packaging

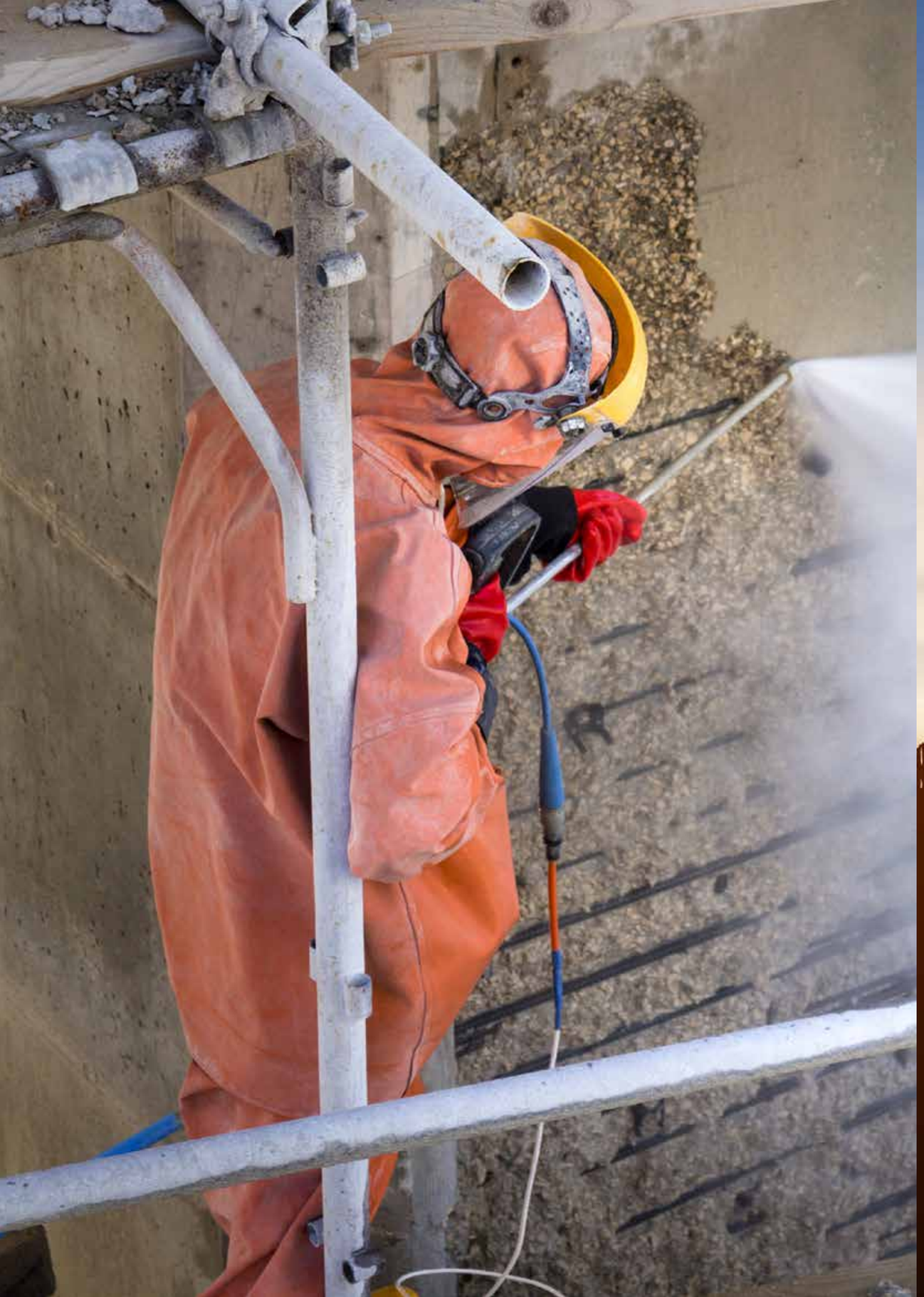
0.2 kg, 0.5 kg, 1 kg, 5 kg, 10 kg, 20 kg & 50 kg.

Features

- Prevents cracking by improving flexural strength.
- Reduces drying and aging shrinkage cracks.
- Bonds strongly to concrete, masonry, stonework, plasters, cementitious surfaces.
- Improves erosion resistance and prevents corrosion.

Important Technical parameters

Solids % by mass	38 + 1 %
pH value	7.5 to 9.5
Specific gravity at 27.5°C	1 – 1.05
Nature	Translucent, free flowing liquid



OTHER ANCILLARY PRODUCTS

8.1
Dr. Fixit
Piditop 333

Important Technical parameters

Colour	Cement grey & others
Compressive strength at 28 days	45 N/mm²
Abrasion Resistance (1000 cycles)	<1.5 grams
Resistance to wear	Passes

Non-metallic concrete floor hardner

Dr. Fixit Piditop 333 is composed of best quality ordinary portland cement, properly selected & graded washed & dried aggregates, polymer & additives. It is used as a concrete floor hardener for residential, commercial & industrial floors, because it imparts very high abrasion resistance as a monolithic surface.

Typical Applications

- Steel industries, Power stations, Heavy industry, Agricultural buildings & yards, Distillation plants, Desalination plants, Laboratories, Abattoirs, Warehouse floors etc

Packaging

25 Kg Bag

Features

- Excellent compressive strength increases wear resistance of concrete floors
- High abrasion & impact resistance provides erosion resistance due to movements of vehicular traffic.
- Smooth & hard surface prevents dust generation due to movements.
- Very low water absorption - Dense & low permeability substrate.

8.2
Dr. Fixit
Repellin WR

Important Technical parameters

Surface dry time	20 – 25 minutes
Colour	Clear to pale yellow
Water repellency	Repel water in bead form
Water Absorption	Max 10%

Silicone based water repellant for exterior brick & stone masonry surfaces

Dr. Fixit Repellin WR is composed of Siloxane & Silane polymers dispersed in high boiling point solvent. It is used as water repellent of concrete & cementitious vertical walls of building because it penetrates deeply into the substrate & provides an effective water repellent protective coating.

Typical Applications

Water repellent treatment for -

- Clay brick surfaces
- Concrete, mortar
- Mangalore tiles
- Natural & artificial stones

Packaging

1, 10 & 225 litre

Features

- Staining - Clear coating does not stain the treated surface.
- Does not change the appearance of exterior decorative coating.
- Ease of application - Ready to use, brushable or spray applied.
- Due to low viscosity, penetration is high - which provides the hydrophobic zone.

8.3
Dr. Fixit
Curing Compound

Important Technical parameters

Appearance	Milky white free flowing liquid
Solid content	38 to 42%
Surface drying time	Max 60 minutes
Daylight reflection	98%

Water based wax emulsion curing compound

Dr. Fixit Curing compound is a white pigmented, wax emulsion-based compound for curing of concrete. On drying, it forms a temporary membrane, which allows the concrete to retain sufficient water for optimum curing. It eliminates the need for keeping concrete continuously wet for minimum 28 days.

Typical Applications

- As a curing compound for all RCC structures

Packaging

200 litres

Features

- Forms efficient barrier for moisture for optimum curing of concrete.
- Eliminates requirement of water in traditional concrete curing method.
- Suitable for interior and exterior application.
- Minimizes chance of surface cracking.

8.4
Dr. Fixit
Polybar Plus

Important Technical parameters

Volume expansion in concrete	250 %
Shore A Hardness	25+- 5
Hydrostatic head resistance	6 Bar
Volume expansion in 3% Salt water	200 %

Hydrophilic swellable water stopper for cast in situ concrete

Dr. Fixit Polybar Plus is a hydrophilic water stop based on synthetic rubber that acts as a watertight sealing for construction joints with excellent swelling capabilities. The product retains its own shape after multiple dry-wet cycles.

Typical Applications

- Construction joints (Horizontal & Vertical)
- Kicker joints
- Pile Caps
- Diaphragm walls
- Pipe entries

Packaging

20 mm x 10 mm – 10 mtr roll (50 Rmt/carton)
20 mm x 5 mm – 10 mtr roll (50 Rmt/carton)

Features

- Easy & fast to apply by adhesive or nailing.
- Consistence performance.
- Unaffected swelling properties by long term wet/dry cycling.
- Versatile solution for joints and detailing.

8.5
Dr. Fixit
Pidiproof LW+

Important Technical parameters

Appearance	Free flowing liquid
Colour	Wine red
Chloride content	0.03 %
Dosage	200ml per 50 Kg bag of cement

Integral liquid waterproofing compound for concrete & plaster

Dr. Fixit Pidiproof LW+ is specially formulated integral liquid waterproofing compound composed of surface-active plasticising agents, polymers & additives. It is used as an additive for cement concrete, mortar & plasters. It makes concrete cohesive and prevents segregation.

Typical Applications

- As integral liquid waterproofing compound for Waterproofing of concrete and sand-cement mortars

Packaging

200 ml, 1, 5, 10, 20 & 100 litre

Features

- Workability: Improves workability of freshly mixed cement concrete
- Shrinkage: Reduces shrinkage crack development in plaster and concrete.
- Makes concrete more cohesive, hence protects steel better against corrosion.
- Permeability: Reduces permeability of water.

8.6
Dr. Fixit
Plaster Master

Important Technical parameters

pH	11 to 14
Specific gravity	1.04 to 1.09
Compressive strength	As per IS: 2645:2003
Water permeability	Passes As per IS: 2645:2003

Liquid plasticizing & waterproofing compound

Dr. Fixit Plaster Master is specially formulated integral liquid waterproofing compound composed of surface-active plasticizing agents, polymer & additives specially formulated for use in Plastering. It is used as admixture for site-mixed cement mortar & plastering. It makes mortar mix cohesive and prevent segregation & facilitates excellent retention of workability and eliminates shrinkage cracks in mortar.

Typical Applications

- Internal Plastering, External plastering, Ceiling Plastering, Roof screeds, Bathroom screeds
- Waterproofing of cement sand mortars

Packaging

1, 5, 10, 20 Liters

Features

- Compatibility – Compatible with all cements, sand types (M Sand, River sand, Recycled sand).
- Offers Extended workability – No additional or very less water required for mix to remain workable.
- Significant reduction in water permeability.
- Overall offers higher durability.

8.7
Dr. Fixit
All Seal

Important Technical parameters

Nature type	Bluish, Polymer
Total solids % by mass@ 105^{0}C	45.0 to 48.0
Relative density	~1.0
pH	7.0 to 10.0

High strength si bond polymer for best-in-class waterproofing

Dr. Fixit All Seal is based on modified co-polymer enriched with special additive designed for cementitious composition. When added as a polymer, it offers excellent workability, uniform coating, stable slurry dispersion, easier and faster application resulting best waterproofing properties.

Typical Applications

- Waterproofing – Sunken portion of bathrooms and toilets, balconies etc.,
- Concrete Repair – Spalled concrete, repairing of beam etc.,
- Plaster Repair – Repairing plaster or making waterproof screed.
- As bond Coat

Packaging

1 kg, 5 kg, 10 kg, 20 kg

Features

- Shrinkage/crack control – High flexural / tensile strength to control cracking.
- Mortar modifier – Homogeneous fresh mix, easy to apply and place.
- Cracking / Shrinkage – Reduced shrinkage and cracking tendency.
- Repairs - Overall very high strength and durability

8.8
Dr. Fixit
Seal Tape

Important Technical parameters

Colour	Grey
Elongation at break	≥500%
Tensile strength	≥12.5 N/mm^2
Tear strength	≥200 N

Flexible polyolefin sealing tape for building joints & cracks

Dr. Fixit Seal Tape is a highly elastic, rot-proof and chemically resistant sealing membrane for installation on various building joints/cracks in critical areas with high and / or frequent movements. It is adhered to the substrate with an epoxy-based adhesive like Dr. Fixit Tape Adhesive.

Typical Applications

- Sealing of construction joints, expansion joints, connecting joints, cracks, and crevices, etc. that are subjected to considerable high and or frequent movements

Packaging

Dr. Fixit Seal Tape – 1 mm thickness and 150 /200 / 250 /300 mm wide X 20 M length

Features

- Long lasting elasticity (Elongation > 500%), even at high temperatures.
- Resistant to UV exposure.
- Can be applied horizontally, vertically, and even overhead.
- Resistant to a wide range of chemicals.

8.9
Dr. Fixit
Tape Adhesive

Important Technical parameters

Compressive strength at 7 days	≥45 N/mm²
Tensile strength at 7 days	≥18 N/mm²
Shear strength at 7 days	≥8 N/mm²
Flexural strength at 7 days	≥25 N/mm²

Expansion joint tape adhesive

Dr. Fixit Tape Adhesive is a 2-Part high performance Epoxy adhesive specially designed for bonding Dr. Fixit Seal Tape series of Expansion joint tapes to different surfaces. It is solvent-free, non-sag, multipurpose bonding agent for suitable for use on horizontal and vertical surfaces.

Typical Applications

- Used as adhesive/bonding agent for bonding Dr. Fixit's Sealing Tape series joints tapes to treat Expansion Joint, Construction Joint, Crack treatment and Precast panels joint treatmet.

Packaging

6 Kg (4 Kg Resin +2 Kg Hardener).

Features

- Thixotropic - suitable for overhead and vertical applications.
- Extended pot life to ease positioning and alignment of expansion joint tapes / profiles.
- Suitable for use across wide temperature range (-) 30°C to 50°C.
- Excellent weather and water resistant.

8.10
Dr. Fixit
Corner Joint Tape

Important Technical parameters

Tensile strength (L,T)	10, 2 N/mm²
Elongation (L,T)	70, 300%
Hydrostatic pressure resistance	>1.5 Bar
Chemical resistance	Resistant

Waterproofing flashing tape for construction joints

Dr. Fixit Corner Joint Tape is a specially coated 3-ply elastic tape with high extension in cross direction and rigid lengthwise, thin, high tenacity system component which when used in combination with Dr. Fixit® waterproofing products reduces the risk of leaks through potential cracking locations.

Typical Applications

- Wall corners, floor-to-wall connections, pipe entries etc.

Packaging

120mm wide x 25-meter-long roll.

Features

- Good Crack bridging, accommodating any cracks in the substrate formed at a later stage.
- Can be used both indoors and outdoors.
- Excellent adhesion to all the waterproofing products.
- Resistant to chemicals, can be used in chlorinated areas.

8.11
Dr. Fixit
Pipe Collar

Important Technical parameters

Tensile strength (L,T)	10, 2 N/mm²
Elongation (L,T)	70, 300 %
Hydrostatic pressure resistance	>1.5 Bar
Chemical resistance	Resistant

Waterproofing pipe collar

Dr. Fixit Pipe Collar is a specially coated 3-ply elastic tape high tenacity system component which when used in combination with Dr. Fixit® waterproofing products reduces the risk of leaks through potential cracking locations around pipe penetrations.

Typical Applications

Waterproofing Pipe Collar used in combination with Dr. Fixit® water-proofing products around pipe inserts recommended for:

- For all the bore packing at terrace, wet areas and tanks etc

Packaging

90mm diameter: 300mmx300mm

10mm diameter: 120mmx120mm

Features

- Good Crack bridging, accommodating any cracks in the substrate formed at a later stage.
- Impermeable to Water and can be used both indoors and outdoors.
- Excellent adhesion to all the waterproofing products.
- Resistant to chemicals, can be used in chlorinated swimming pools.

8.12
Dr. Fixit
Prebond DS Tape

Important Technical parameters

Flexibility at low temperature	No cracking at -25°C
Peel Adhesion Strength	1.25N/mm with HDPE membrane
Peel Adhesion Strength	0.5N/mm with concrete
Width	10 cm wide

Cold applied double sided tape with psa and release liner

Dr. Fixit Prebond DS Tape is a cold applied double-sided tape with pressure sensitive adhesive (PSA) and release liner on both sides. Its adhesive has perfect bonding with Pre-applied HDPE Waterproofing membranes and concrete.

Typical Applications

- Used as part of detailing with Dr. Fixit Prebond range of membranes

Packaging

Roll Size: 10 cm wide x 30 mtr length

Features

- Waterproof- provides effective protection against ground water.
- Adhesive- effective sealing.
- Wide range of application- effect on plastic, rubber and concrete surface.
- Low temperature resistance- function extremely well under adverse condition.

8.13
Dr. Fixit Bathseal Tape

Important Technical parameters

Elongation (compound)	> 500%
Water absorption at 24 hours	< 0.3
Water permeability at 5 Bar	Nil
Crack bridging ability	> 1.5mm

Non-reinforced twin sided self adhesive bitumuous membrane

Dr. Fixit Bathseal Tape is a nonreinforced twin side adhesive bitumen membrane which comprises of polymerised bitumen sandwiched between a plastic released films on either side.

Typical Applications

- Dr. Fixit Bathseal Tape is mainly used for providing a seamless waterproofing membrane on concrete, wood, metal surfaces. Most ideal for wrapping around the pipes that are inserted through concrete slabs and brick masonry walls in wet areas

Packaging

Dr. Fixit Bathseal Tape membranes are supplied in rolls of 10 m and 1.5 m length and 100 mm width.

Features

- Cold applied, self-adhesive and easy to apply.
- Bitumen to bitumen adhesion on the laps provides a seamless layer.
- Excellent adhesion to metals, PVC, wood, cementitious materials etc.
- Excellent resistance to chlorides, sulphates, dilute acids and alkalis.

NOTES

DR. FIXIT®
WATERPROOFING EXPERT

ADVICE CENTRE
1800 209 5504

Pidilite

Pidilite Industries Limited
Construction Chemicals Division
Ramkrishna Mandir Road Post Box No. 17411 Andheri (E) Mumbai 400059 INDIA

For any further clarifications or information kindly contact us at enquiry.plub@pidilite.com
The product technical specifications and information on the system detailing mentioned in the technical data sheet and system methodology must be observed.

Pidilite

DR. FIXIT®
WATERPROOFING EXPERT

NIRMAN

BUILDER'S WATERPROOFING GUIDE

CONTENTS

Company Profile

Pidilite Industries has been the pioneer and market leader in adhesives and sealants, construction chemicals, art and craft products and polymer emulsions in India. In 1959, Pidilite started manufacturing only white glue – Fevicol, and has now grown to cater to various other categories including paint chemicals, automotive chemicals, art materials and stationery, fabric care, maintenance chemicals, industrial adhesives, industrial and textile resins and organic pigment preparations. Most of the products have been developed through our strong in-house R&D.

Pidilite has some of the biggest brands in adhesives and sealants category. These brands include Fevicol, M-seal and Fevikwik. Fevicol has become synonymous with adhesives to millions in India and is ranked amongst the most trusted brands in the country. Some of our other major brands are Dr. Fixit, Pagel and Roff in construction chemicals; Cyclo and Motomax in auto care; Ranipal in fabric care; Fevistik glue stick and Hobby Ideas in art and craft.

Pidilite: For All Builder Needs

NO. 1 BRAND IN ALL CONSTRUCTION CATEGORIES

WATER-PROOFING	TILE FIXING SOLUTIONS	PREMIUM ITALIAN WOOD FLOORS	FURNITURE & INTERIORS	ALL SURFACE EXPERT ADHESIVE
DR. FIXIT® WATERPROOFING EXPERT	Roff® TILE & STONE FIXING EXPERT	ICA Pidilite	FEVICOL®	Araldite®

HOME IS WHERE THE HEART IS…

"You don't build houses; you provide a home to a family"

There's something nostalgic about the place we call "home." It's the place where we eat, spend time with family and friends, laugh, connect, rest, and rejuvenate… where we feel safe and comforted.

Every home is first simply a house set up with bricks and beams. Care is taken to make sure this structure is strong, safe, and beautiful looking. It's a huge responsibility, making a house into a home, and creating a safe haven for the people who live in it.

Every houseowner entrusts YOU with their dreams of a home, along with hard-earned money. Homes go on to become legacies for generations to come. That's why, every day that a homeowner spends in his home, he will either thank the quality of your work and professionalism or he will rue the day he decided to buy this house and make it a home. Your brand and reputation will always be tied to the quality you provided.

What do you do when you're entrusted with taking a decision on behalf of your customers?

The answer is simple: **You do not compromise on quality.** Your credibility depends on the quality you provide. Choose the best to get the best. Dr. Fixit is a pioneer in the waterproofing industry, and has helped millions of Indians realize their dream of building leak-free homes. To create homes that are strong on the inside and stunning on the outside, and to ensure your quality and credibility are always top notch, trust Dr. Fixit for your waterproofing needs.

RERA & ITS IMPACT **ON BUSINESS**

To facilitate transparency in the home buying process, the Indian Government passed the RERA Act in May 2016. Soon after, RERA was brought into action to address concerns of homebuyers, builders, brokers, and other stakeholders of the real estate industry.

For every quality conscious builder/ developer, this act proves to be a blessing, as it forces everyone who is cutting corners to be accountable for their acts. It will also protect the consumer against malafide intent.

One of the key tenets of RERA is rights to the buyer in case of any defects. That is, within 5 years of possession, if there are structural defects or problems in quality, the builder has to rectify these damages within 30 days at no cost to the buyer.

Repairing a defect involves significant costs and logistical headache, which can be avoided by having an "insurance policy." Right waterproofing provides this insurance policy against water damage to the building and keeps builders as well as customers safe from any related problems in the future.

What Does RERA Say?

SECTION 14 (3) OF THE RERA ACT, 2016

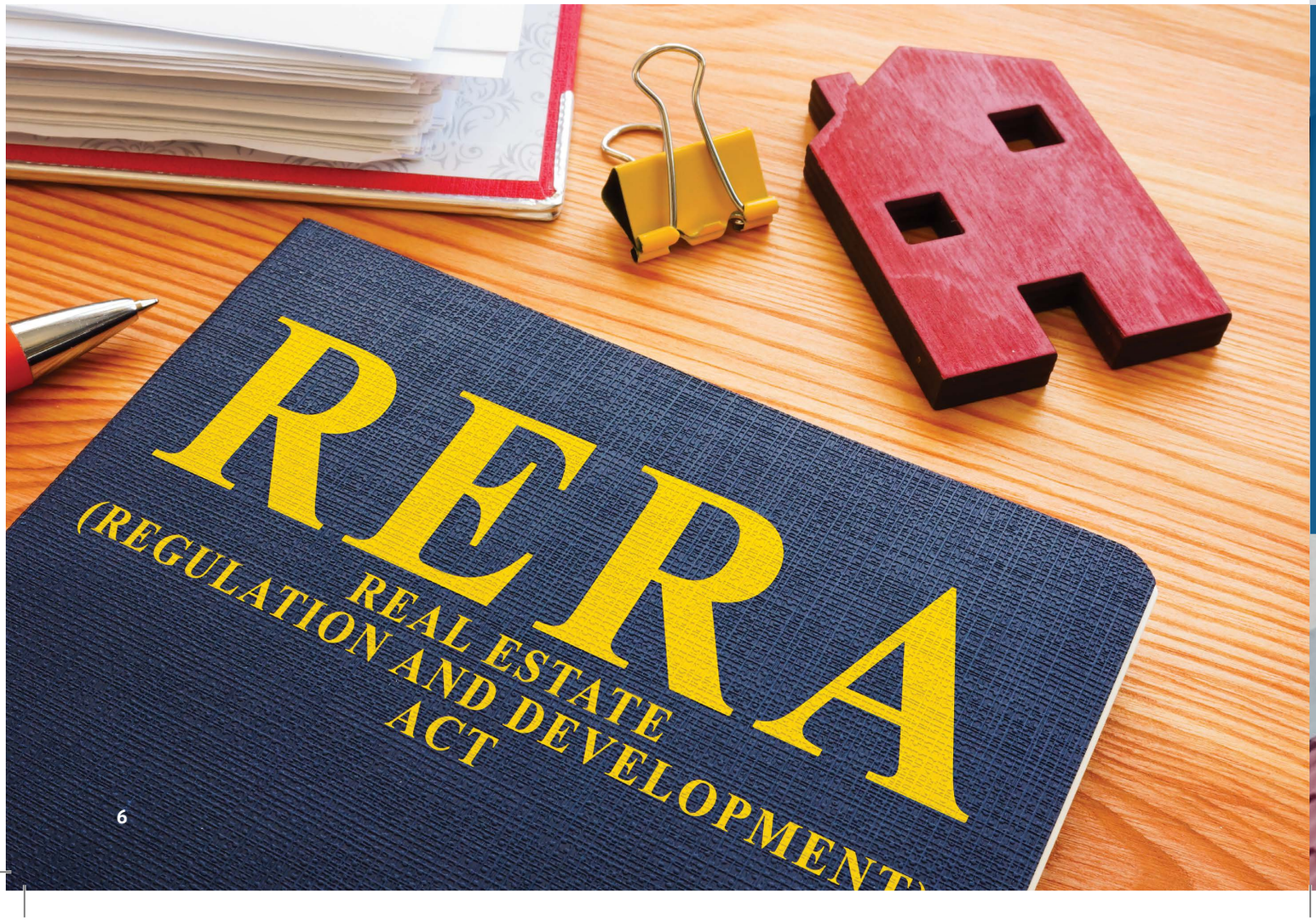
An obligation of the promoter to compensate the homebuyers for the structural defects in the construction.

Section 14(3) of the RERA Act, 2016 provides the remedy to the allottees in case of any structural defects incurred within 5 years from the date of giving the possession then the promoter is liable to rectify the defect at his own cost.

Further, in the event of promoter's failure to rectify such defects within 30 days, the aggrieved allottee is entitled to receive appropriate compensation which is to be decided by the concerned state RERA Authority.

SECTION 14 (3) OF THE RERA ACT, 2016

Structural defects are caused due to deficiency in a building where the structure does not perform in a way as intended by the homebuyer due to a flaw in the design, construction quality or material. Deficiency in the quality of raw material causes leakage and dampness while a fault in construction results in cracks in the foundation, plumbing issues and electrical and mechanical problems



DURING DEFECT LIABILITY PERIOD (5 YRS), THE BUILDER BEARS ALL REPAIR COSTS.

WHAT IS IMPORTANT FOR A BUILDER?

Reputation & Prestige

Based on quality of construction and homeowner's feedback

Buyer Happiness

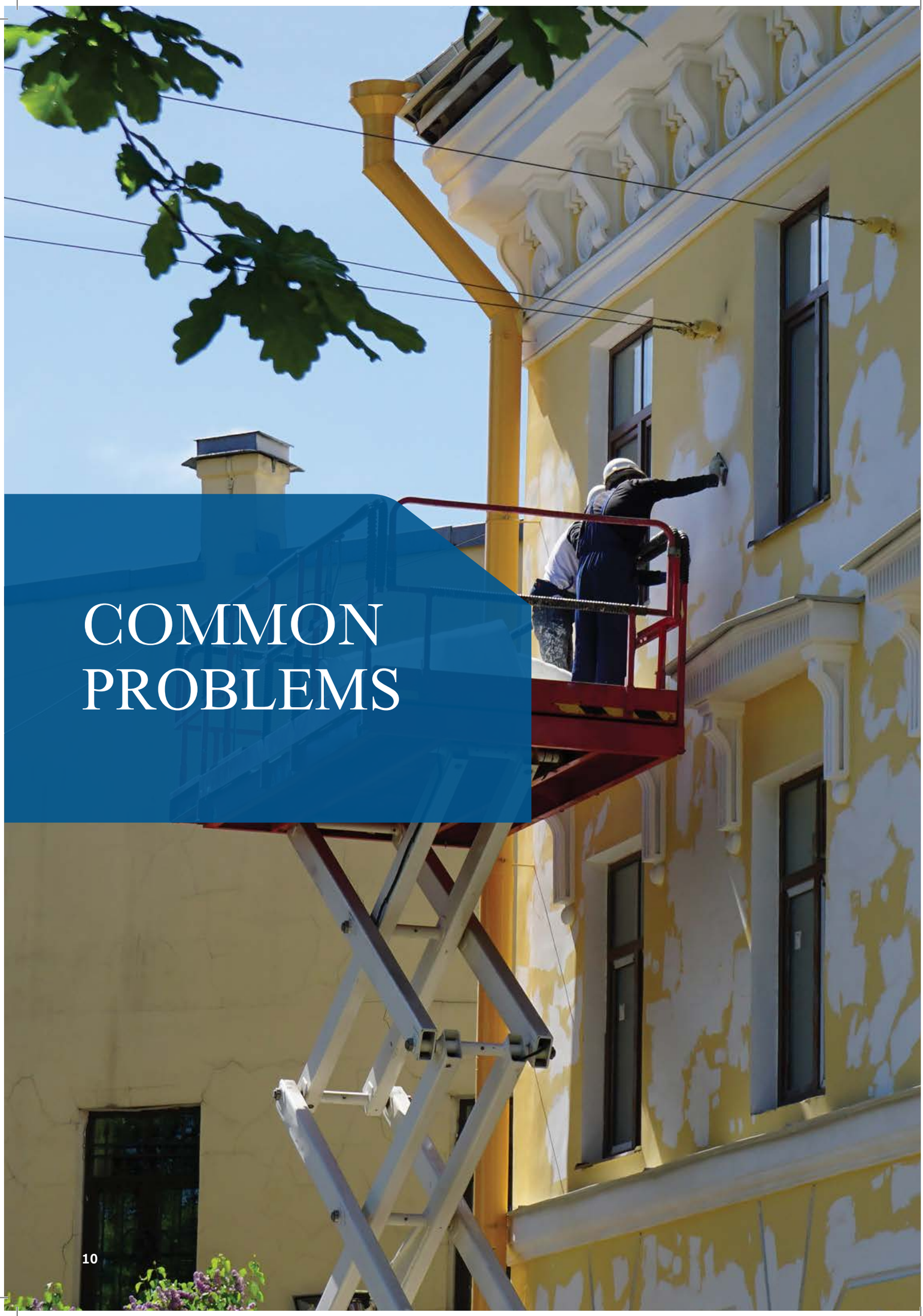
Aesthetics, quality finish and overall look of the building, impacts builder's sales

Word of Mouth

Projects built till date determine builder's image and future growth: "Your work speaks for you."

Clearance Certificate

State housing and urban development authority mandates minimum waterproofing (bathroom and terrace).



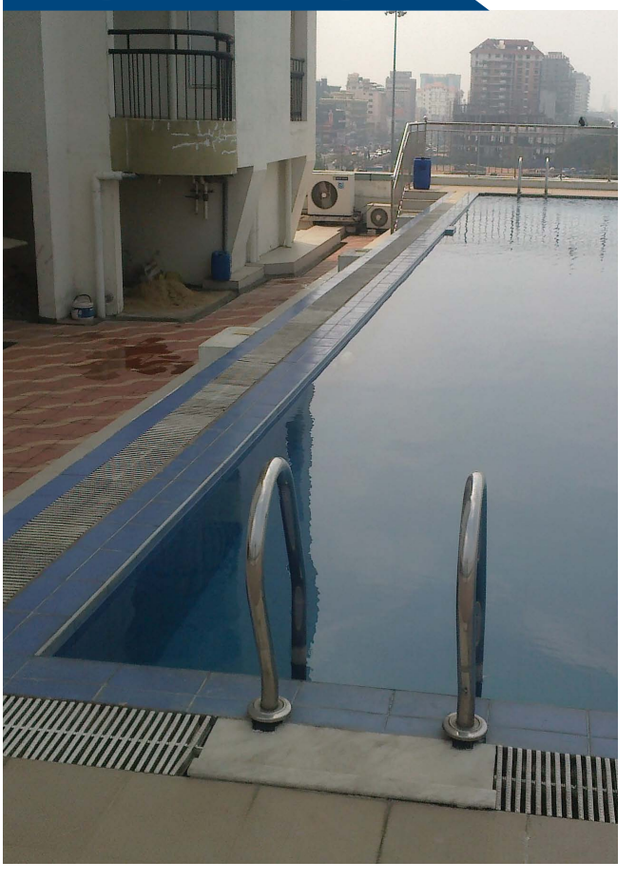
COMMON PROBLEMS

Damp Ceiling & Walls

Paint Peeling Off

Dull Exterior Walls

Leakages from Swimming Pools

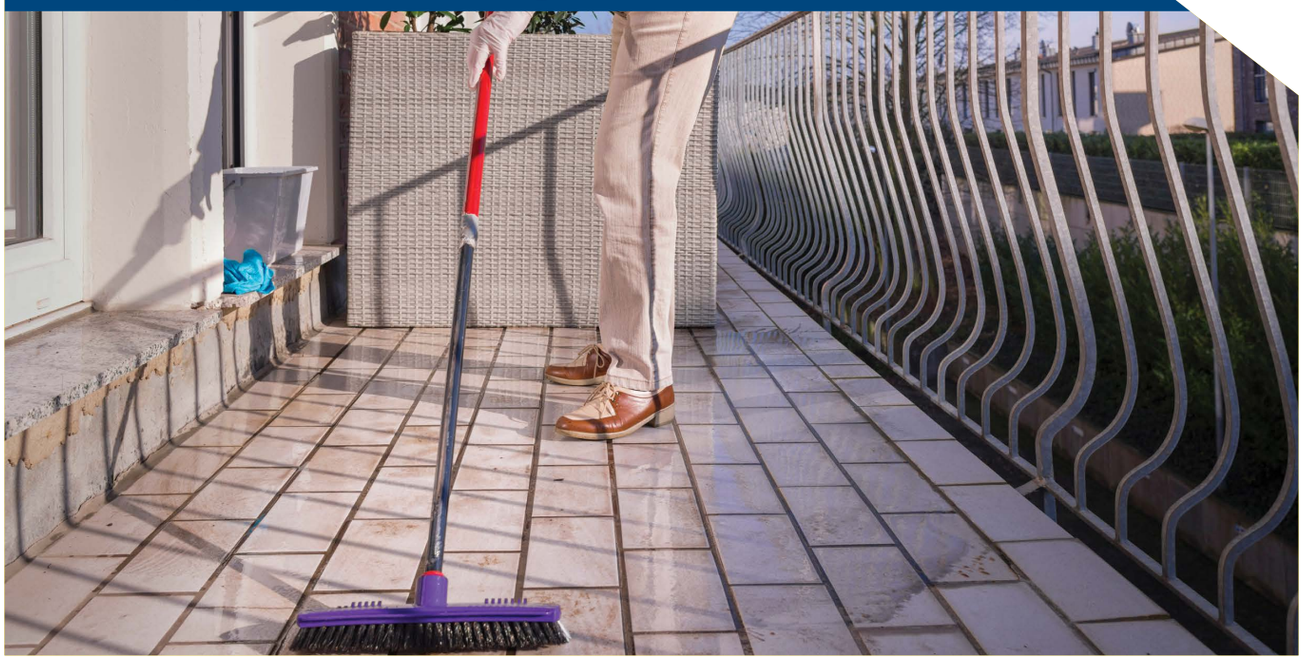


Leakage across multiple floors

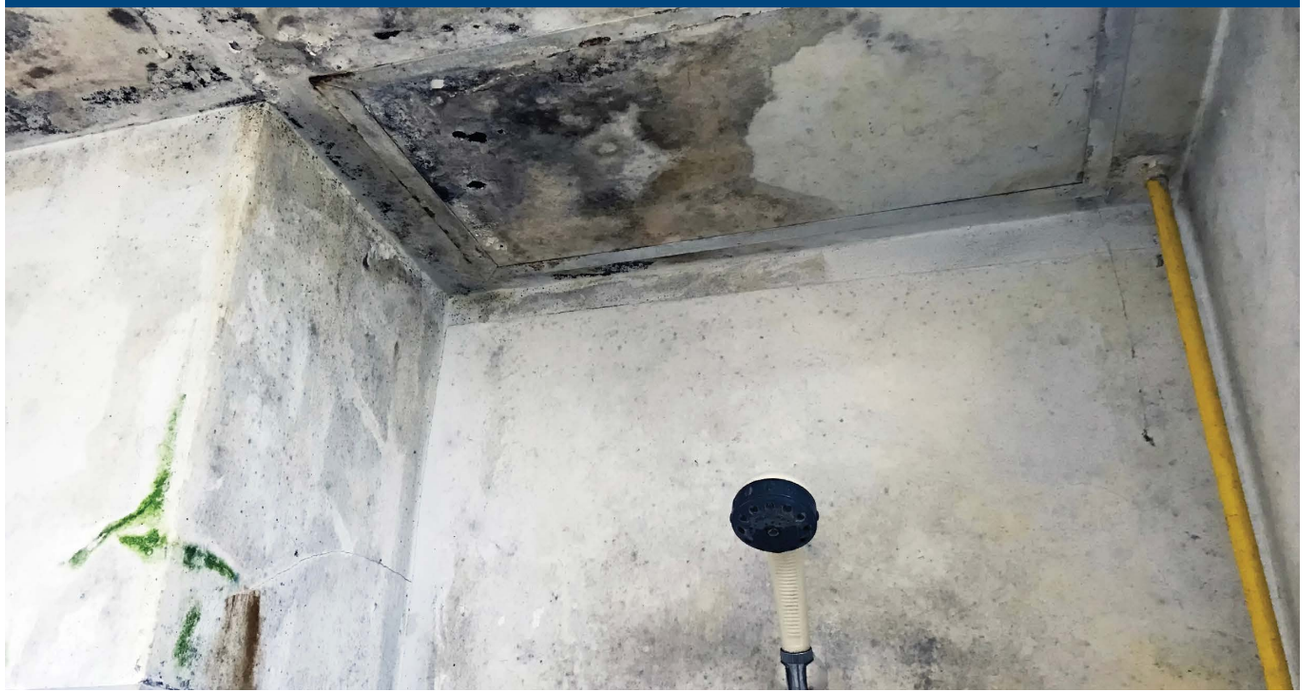
In multistoried buildings, leakage and dampness across floors is a very common phenomenon.

THESE PROBLEMS INVOLVE MULTIPLE OWNERS AND COMMON AREAS, MAKING IT DIFFICULT TO COORDINATE AND RECTIFY.

Leakage through cracks from second floor balcony / flower bed causes damp patches on first floor ceiling



Leakage through bathrooms



Rectification is inconvenient and tedious.

Interior cracks, dampness and paint peeling off

Within 2-3 years of construction, cracks on the walls adjacent to bathrooms/balcony causes seepages and damp patches. This causes a lot of distress to the new home owner.

CUSTOMER BLAMES THE BUILDER. RERA MANDATES THE BUILDER TO REPAIR IT FREE OF COST.

Peeling paint from dampness/seepage from adjacent wet areas (bathroom, balcony, kitchen)

Visible rising dampness in internal walls

Crack formation on walls

Huge repair costs & unhappy customers

Leakage from RCC Water Tanks & Swimming Pools

These structures hold standing water continuously for 365 days a year. Over time, cracks develop in these structures, which lead to leakage. In the case of swimming pools, tiling grouts are susceptible to wear and tear over a period of time due to hydrostatic pressure causing leakage.

Leakage from swimming pool

Leakage from water tanks

Leakages from water tanks and swimming pools

Is vividly visible to everyone	Spoils the overall look of the building	Ruins the reputation of the builder

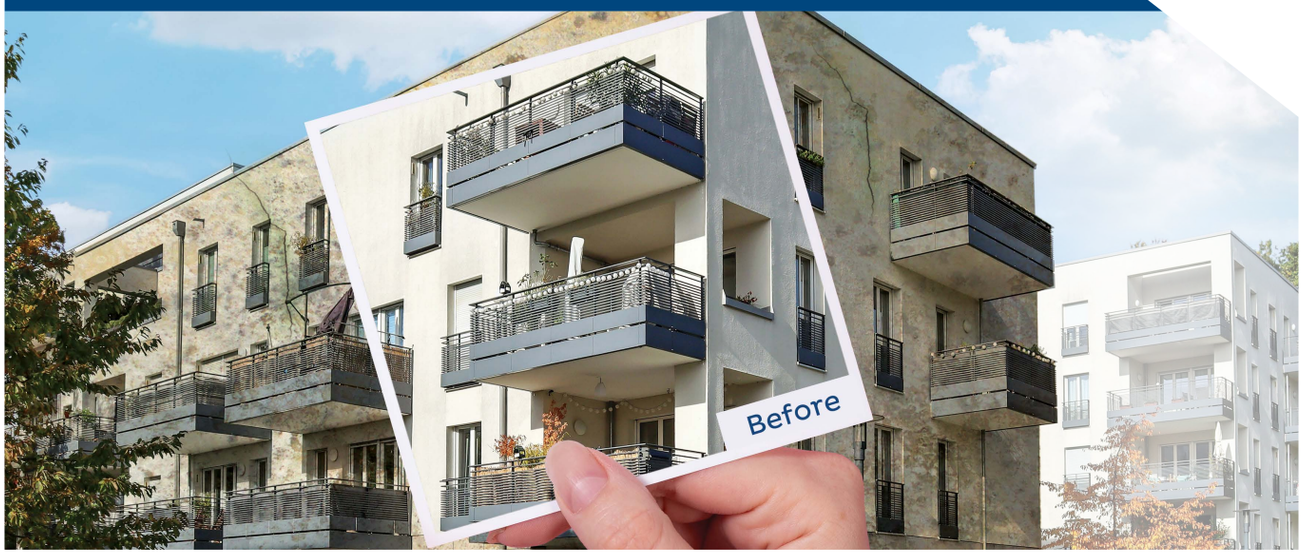
Roof Leakage, Exterior Cracks, Dampness and Paint Dullness

- Normal exterior paint does not protect against algae, paint dullness & fading.
- Continuous temperature variations cause cracks on external walls, which become main cause for seepage during rainy season.
- No terrace waterproofing leads to cracks formation & damage in ceiling downstairs

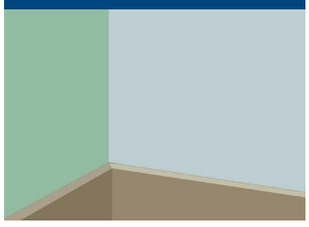
THE EXTERNAL LOOK OF A BUILDING IS LIKE A REPORT CARD FOR THE BUILDER. A BUILDER'S FIRST IMPRESSION IS MADE BY LOOKING AT HIS OLD OR EXISTING PROJECTS. EXTERNAL WALLS OF HIS BUILDINGS SHOULD BE FREE OF CRACKS, PATCHES, ALGAL GROWTH, PEELING OR FADING PAINT.

Exterior walls over time become dull | Cracks on exterior walls invite rainwater seepage | Roof leakage is a menace for top-floor residents

Your new home after 5 years, without waterproofing



Before



After

Before

After

Huge repair & repainting costs; Inconvenient for top floor flat owners.

Loss of sales, builder's reputation damage, and huge repair & repainting costs

THE ANSWER TO THESE **PROBLEMS?**

DR. FIXIT COMPREHENSIVE WATERPROOFING SOLUTIONS FOR BUILDERS

NIRMAN
BUILDER RELATIONSHIP PROGRAM

DR. FIXIT® TECH HELP
WATERPROOFING EXPERT
1800 209 5502

DR. FIXIT®
WATERPROOFING EXPERT

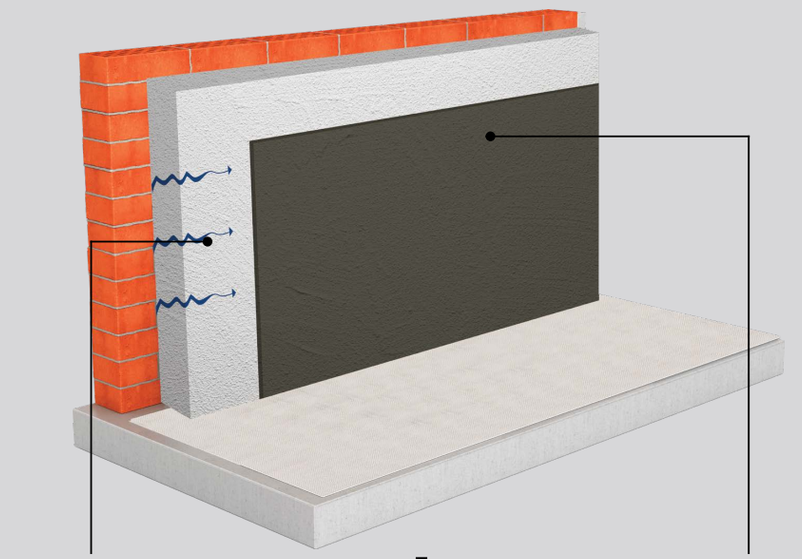
ADVICE CENTRE
1800 209 5504

DR. FIXIT®
WATERPROOFING EXPERT

SKILLED WATERPROOFER

Waterproofing the right way

Integral & layer waterproofing



INTEGRAL WATERPROOFING

MIXED WITH CEMENT

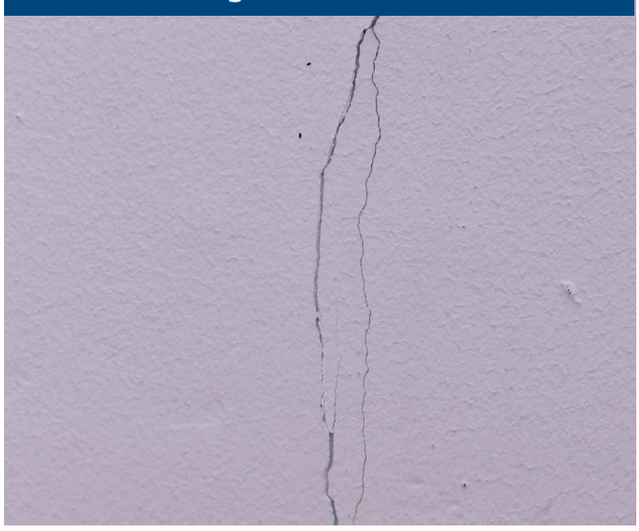
- CONCRETE FOR ENTIRE BUILDING
- PLASTER
- MORTAR
- SCREED

LAYER WATERPROOFING

APPLIED AS COATING

- BATHROOM, BALCONY & KITCHEN
- TERRACE
- WATER TANK & SWIMMING POOL

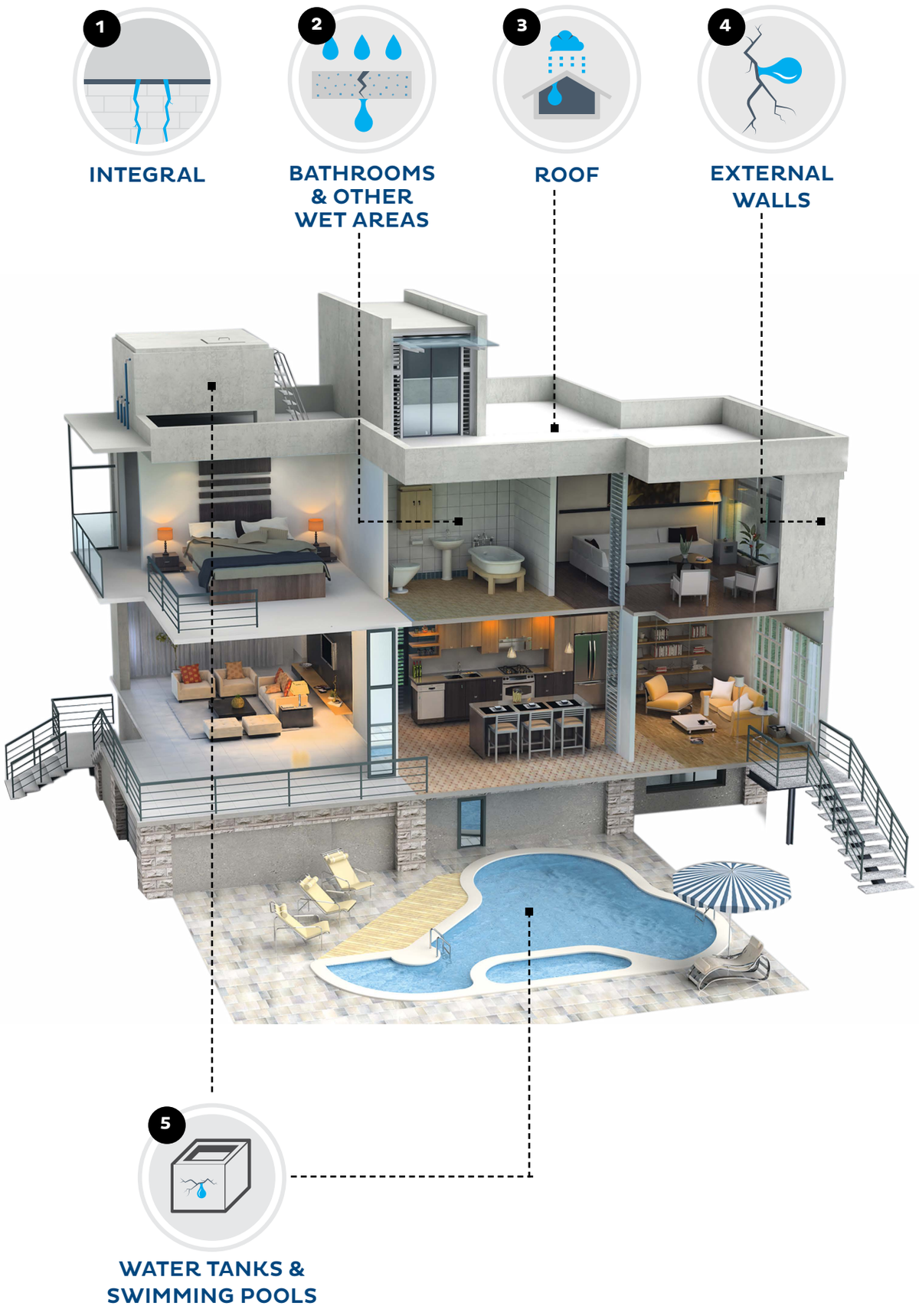
Reduces shrinkage & hairline cracks



Covers thermal cracks

Integral & Layer waterproofing done together is right waterproofing!

5 Critical Surfaces for Waterproofing



5 Critical Surfaces for Waterproofing

1

INTEGRAL WATERPROOFING

Surface: Concrete & Plaster

A building comprises of integral components such as concrete slabs, column beams and wall plasters. Concrete and Plaster are the skeleton and body of the structure, respectively.

Concrete

Concrete is used to provide strength, durability, and versatility during construction. It's a solid material that can easily withstand tensile and compressive stresses without getting affected.

It's affected by factors like quality of raw materials, water/cement ratio, coarse/fine aggregate ratio, age of concrete, compaction of concrete, temperature, relative humidity and curing of concrete.

Thus, concrete design and quality control become integral to getting the right concrete.

With over 85% of concrete produced in India still made by volume batching, there is lack of control of Water Cement Ratio and quality of sand and aggregate at site, affecting the concrete's quality.

Plastering

Plaster mortars are used to cover exposed surfaces of brick walls. Plastering is a crucial step to build a strong base for any construction offering benefits in terms of decorative and aesthetic appeal.

Plastering follows concrete and covers the entire structure. It comes with its own challenges because even today, plastering is done using conventional application process (using Taapi/trovel and Ghutka/flattener). In India, majority of plastering is done by manual labour and is subject to rebound loss and subsequent time loss.

Concrete forms the structure providing strength, durability and plasters covers the entire structure providing aesthetic appeal

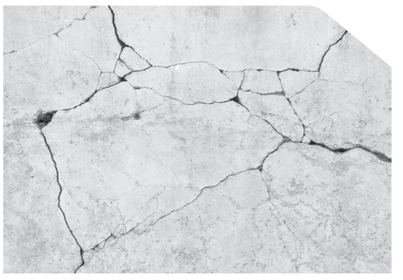
Problems with the Surface

Problems with Concrete Surface

Concreting is a one-time process in the life of a building. Getting this wrong can have long-time repercussions. A poor concrete design, application and other external factors can result in the following deficiencies.

Honey combing due to Improper compaction

Plastic shrinkage cracks



Thermal Cracks

Problems with Plastering Surface

1) Rebound loss: This results in subsequent increase in time for application, thereby resulting in high labour costs. This happens due to less cohesion of mortar mix.

2) Faster drying: Mortar/plaster dries up within 10 mins, making application challenging.

3) Difficulty in levelling and finishing in plaster: With faster drying, the plaster finish tends to become rough and takes a lot of effort for levelling.

Other issues that arise in plastering over time are:

Capillaries are formed in plaster, and excess water induces shrinkage cracks on plaster surface.

Cracks and interconnected capillaries allow water to seep through plaster.

A poor plaster results in aesthetically poor finish.

Cracks on concrete and plaster surface allows water to seep into the structure.

The Solution

Creating good concrete requires

1. Right design mix of all the ingredients
2. Good quality of raw materials

Additives like **LW+** and **LW+ SUPER** help maintain the right design mix by maintaining the water/cement ratio.

Scan here for application video

The benefits offered by the product are called the 4 ACES of LW+

1. Provides Integral Waterproofing by crack reduction
2. Increases strength and durability of concrete
3. Resists corrosion of steel
4. Increases strength & durability

A good plaster should:

1) Be easy to apply and do levelling
2) Result in lesser rebound loss and faster application
3) Give smooth finish and have lesser cracks

When Plaster Master is added, it modifies the mortar mix and offers benefits like:

Increases stickiness of plaster

Provides smooth finish

Zero rebound loss

No cracks

Features & Benefits

DR. FIXIT®
PIDIPROOF® LW+

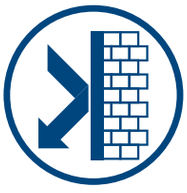
No Cracks & Dampness

Resists corrosion

Increases strength

Improves Workability

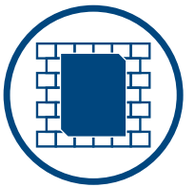
DR. FIXIT®
PLASTER MASTER



Reduces rebound loss while plastering

Improves workability with all types of sand

Saves time During Plastering



Gives smooth finish

5 Critical Surfaces for Waterproofing

2

WATERPROOFING OF **BATHROOM/ KITCHEN/ FLOWER BEDS**

Surface: Bathroom/Kitchen/Flower Beds

70% leakages start from wet areas (bathroom/kitchen/flower beds)*

Bathrooms

Bathrooms hold an important place in the mind of a homeowner, who are very particular about the aesthetic and cleanliness of this space. A clean bathroom correlates to a healthy family. Waterproofing of bathrooms has always been a concern as sunken slabs in bathrooms are a constant source for leakage, seepage and dampness. Repairing bathrooms is an inconvenient and costly affair for the residents, who are already living in the house. The normal household routine is disturbed due to the movement of labor and bathrooms being non-functional. So, new bathroom must be waterproofed properly during construction.

Flower Beds/Balcony

Flower beds and balconies are exposed to extreme weather conditions like heat, cold, and exposure to water 365 days a year. Hence, cracks develop on the concrete slab surface, which allow water to seep in. If tile grouts open, it can compromise the concrete slab and the areas one floor below. It is very important to apply an impermeable waterproof coating to protect these surfaces.

*Based on a survey conducted with 2000 new flat owners across the country

Hence, the right time to waterproof wet areas is when it's on paper!

Problems with the Surface

1. These areas are exposed to inflow and outflow of water 365 days in a year.

2. Over a period of time, cracks develop on the concrete slab of these surfaces from where seepage of water occurs.

3. There are multiple joints in plumbing fittings, which are prone to ageing and leakage.

4. Water seeps through tiles and causes leakage, leading to damp walls and peeling of paints in adjacent walls/ceilings.

5. Wall and floor tile joints (caused by improper tile grouting).

Repairing a bathroom is very inconvenient. If not done right at the time of construction, repairs will cost 4x money and time.

The Solution

To prevent cracks formation on the concrete substrate, we need to do Integral Waterproofing during slab casting with Dr. Fixit LW+.

On the mother slab surface of bathroom/kitchen/flower beds, a protective elastomeric layer coating needs to be applied, which would cover the cracks due to its elastomeric properties and prevent water from seeping in.

The protective layer should have the following properties

- Highly elastomeric
- Strong adhesion to concrete substrate
- Ability to bridge cracks
- Thick and strong coating

Advanced

Dr. Fixit Bathseal Select

Single-component ready-to-use premixed waterproofing membrane for wet areas

Scan here for application video

Popular

Dr. Fixit Fastflex

Heavy duty acrylic two-component undercoat cementitious coating (for bathrooms and wet areas)

Scan here for application video

Basic

Dr. Fixit Pidifin 2K

Acrylic two-component undercoat cementitious coating (for bathrooms and wet areas)

Scan here for application video

Features & Benefits

DR. FIXIT® BATHSEAL® SELECT
IPD® TECHNOLOGY

Single-component liquid-applied membrane

Elongation >250%

Crack bridging up to 2 mm

Distinct glossy Green colour

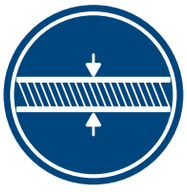
Saves time due to easy application

65% solid content

Can be applied with Roller or Brush

Product has 10 years of Life expectancy

DR. FIXIT® FASTFLEX®
HEAVY DUTY COATING



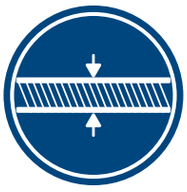
Up to 1500 micron

Upto 120% elongation

Crack bridging up to 2 mm

10 years life expectancy

DR. FIXIT® PIDIFIN® 2K



Up to 1000 micron

Up to 50% elongation

Crack bridging up to 1 mm

7 years life expectancy

5 Critical Surfaces for Waterproofing

3

WATERPROOFING OF **NEW ROOFS**

Surface: New Roofs

- Roof slab is one of the most critical elements of a new building which is continuously exposed to harsh weather conditions and foot traffic, which cause cracks.
- Roofs would also have water tanks and many plumbing joints, which makes the roof prone to seepage.
- Any leakage in the roof is a nuisance for the owners of top-floor flats, as it spoils their apartment interiors.

Conventional Methods of Waterproofing a New Roof

Cement Screed

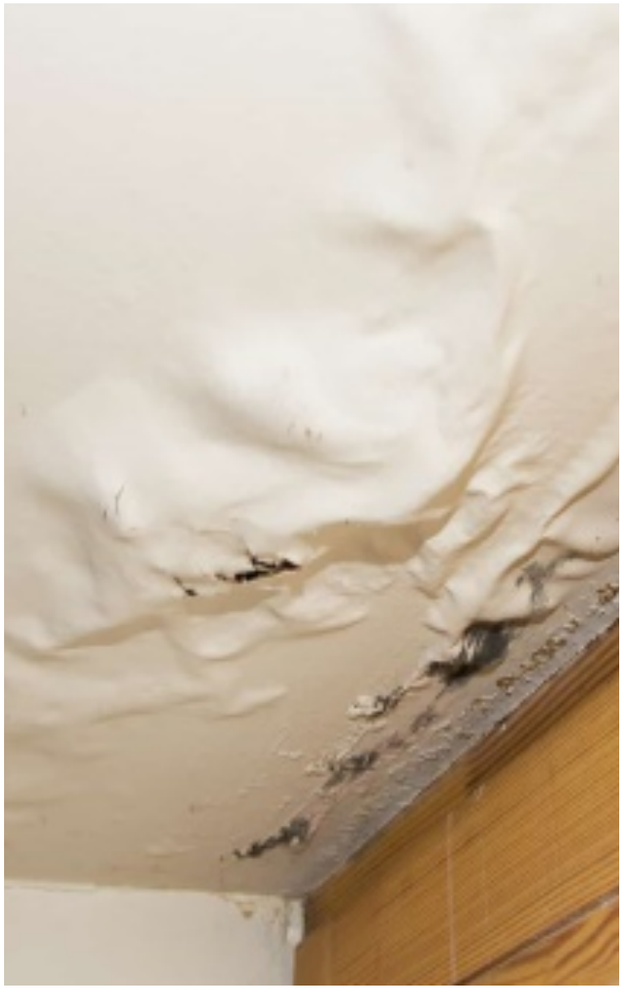
Brick Bat Coba

Mosaic Chips

None of these methods have an elastomeric waterproof coating that could prevent water from seeping through fine cracks.

Problems with the Surface

- The constant exposure to harsh sun during the day and the cooling off at night time causes major temperature fluctuations, leading to expansion and contraction of the surface, in turn resulting in cracks.
- Cracks go deep within the roof slab, allowing water and termites to enter.
- Within 1-2 monsoons, water starts leaking through the cracks and causes dampness and damage to expensive interiors.
- The differential expansion between concrete roof and brick parapet wall also causes cracks, which become the main cause of seepage from parapet walls.



Constant exposure to sunlight & rain results in development of cracks on the roof surface.

The Solution

1. RCC mother slab of the roof to be strengthened with Dr. Fixit LW+.
2. Protect the mother slab with elastomeric waterproof coating.
3. Provide a layer of Brick Bat Coba or cement screed to provide sloping (1 inch for every 10 ft).
4. Finish the topmost layer with cement of china mosiac.
5. Roof and parapet wall joint to have sloping joint.

The correct solution: flexible coating on the roof slab which prevents water from seeping into cracks. This coating must:

Be highly elastomeric

- Be able to withstand continuous expansion and contraction cycles
- Have strong adhesion to concrete substrate
- Be able to bridge cracks
- Have thick and strong coating

THE RIGHT METHOD TO CONSTRUCT ROOF

5. Mosaic Tiles / Stone
4. BBC / Mud phuska / Cement Sand Plaster
3. Geotextile
2. Dr. Fixit Fastflex / Dr. Fixit Pidifin 2k - Roof Waterproof coating(2 coats)
1. Concrete Slab

CROSS SECTION OF ROOF

Advanced

Dr. Fixit Fastflex

Heavy duty acrylic two-component undercoat cementitious coating (For roofs up to 3500 sq ft)

Scan here for application video

Popular

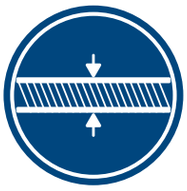
Dr. Fixit Pidifin 2K

Acrylic two-component undercoat cementitious coating (For roofs up to 2500 sq ft)

Scan here for application video

Features & Benefits

DR. FIXIT® FASTFLEX®
HEAVY DUTY COATING



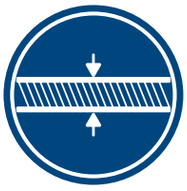
Up to 1500 micron

Upto 120% elongation

Crack bridging up to 2 mm

10 years life expectancy

DR. FIXIT® PIDIFIN® 2K



Up to 1000 micron

Up to 50% elongation

Crack bridging up to 1 mm

7 years life expectancy

5 Critical Surfaces for Waterproofing

4

WATERPROOFING OF **EXTERNAL WALLS**

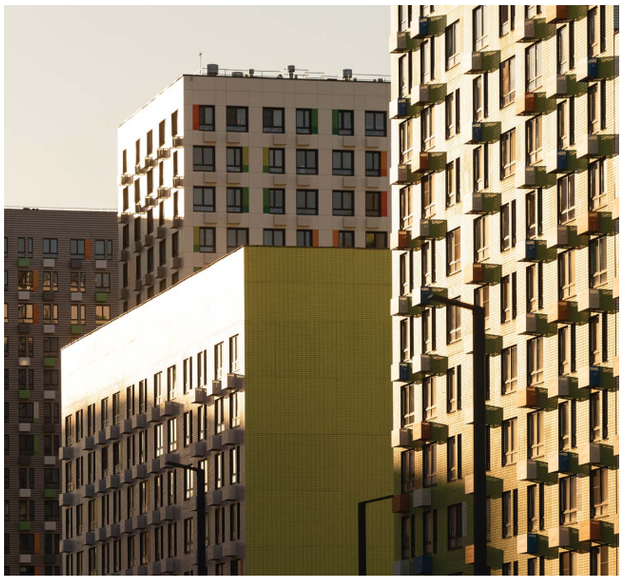
Surface: External Walls

The external walls bring identity to the building. While functionality is vital, the exterior also plays a key role in making the building a landmark in the area and boosting its builder's reputation. A building with a welcoming non-blemished exterior is definitely a preferred option for flat owners/tenants.

Although the construction methods and materials have changed over time, the functionality remains the same. The exterior walls should:

- Protect the building from seepage and dampness
- Enhance the pride and prestige of the residents
- Reduce repeated repainting expenses
- Protect the interiors of the building

The exterior walls of a building are also that part of the structure that forms a bulk of the routine maintenance expenditure. While painting a building takes last priority in the order of building construction, it's that activity which is often repeated time and again to ensure aesthetics are maintained. Exterior walls with superior features protects the costly décor within the building.

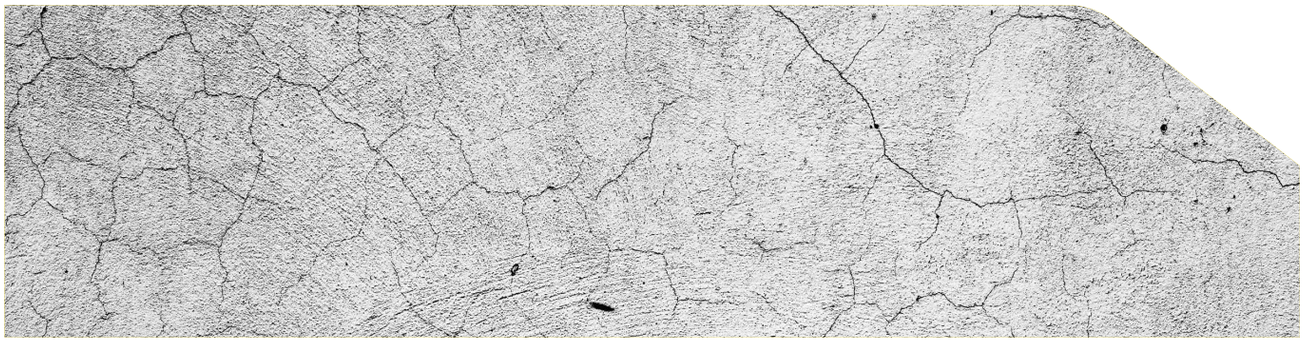


External walls provide aesthetic appeal to the building

Problems with the Surface

Contrary to popular belief of walls needing protection only in areas with high rainfall, due to changes in temperature within the atmosphere, there is thermal expansion and contraction, which results in crack development on the exterior wall surface within 1-2 years of building construction.

Hence, walls form an important part of a building structure not only in terms of aesthetics but also for overall protection of the structure. While TMT rods expand and contract as per rising and reducing temperatures, cement plaster fails to do so and hence hairline cracks develop on the surface.



Issues with Ordinary Paints

Less than 100 microns

Brittle Paint

Fading of Paint

Algae and fungal growth

Dull Paint

Water seeps into the building through the minor cracks developed due to constant exposure to climatic conditions

The Solution

To protect exterior walls from leakage, we need:

- Waterproof coating, not regular paint
- Elastomeric paint that provides crack bridging against minor cracks
- Paint coating with good anti-fungal, anti-algae and anti-dust properties
- Coating with high dry film thickness, which forms an impenetrable layer on wall
- Paint that adds aesthetic value to building and available in many shades

Advanced

Dr. Fixit Raincoat Select

APPLICATION: 1 Coat RC WPC + 1 Topcoat Raincoat Select

COVERAGE: 60 - 65 sq ft/lt

Scan here for application video

Premium

Dr. Fixit Raincoat Classic

APPLICATION: 1 Coat RC WPC + 1 Topcoat RC Classic

COVERAGE: 60 - 65 sq ft/lt

Scan here for application video

Basecoat

Dr. Fixit Raincoat WPC

APPLICATION: 1 Coat of WPC Basecoat + 2 Coats of Any Topcoat

COVERAGE: 45-50 Sq ft/lt

Scan here for application video

Economy

Dr. Fixit Raincoat NEO

APPLICATION: First coat of Raincoat Neo with 10% dilution. Second coat of Raincoat Neo without any dilution.

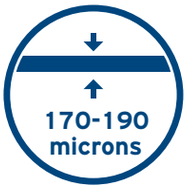
COVERAGE: Self priming coat+undiluted topcoat covers 40 sq ft/lt

Scan here for application video

Raincoat Range available in 1000+ Shades
Free Raincoat preview service & sampling available

Features & Benefits

DR. FIXIT® RAINCOAT® SELECT



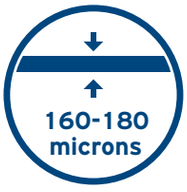
5x Film Thickness
– 170 - 190 microns
Protects your
external walls

Crack Bridging
upto 2 mm
Elastomeric
coating

High sheen
for enhanced
aesthetics

Low dirt pick up
for long lasting finish

DR. FIXIT® RAINCOAT® CLASSIC



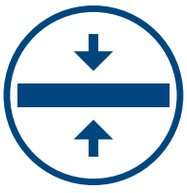
4x Film Thickness
– 160 -180 microns
Protects your
external walls

Crack Bridging
upto 2 mm
Does not let ugly
cracks show up

Excellent
Anti-algal and
anti-fungal
performance

UV resistant
for excellent
colour retention
performance

DR. FIXIT® RAINCOAT NEO



2x the DFT of
normal paint

Crack bridging
upto 0.5 mm

100%
Elongation

Self-priming:
No need of primer

5 Critical Surfaces for Waterproofing

5

WATERPROOFING OF **WATER TANK & SWIMMING POOL**

Surface: Swimming Pool & Water Tanks

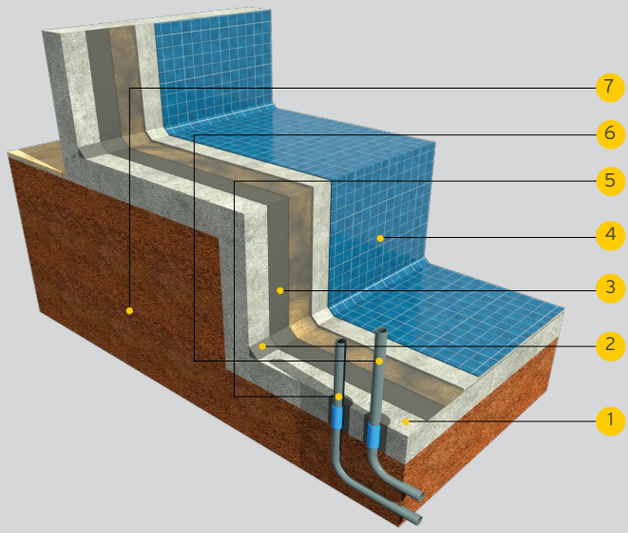
Water tanks and swimming pools are:

- Exposed to continuous flowing water for 365 days
- Have a large number of plumbing joints that are prone to leakage
- They have to withstand continuous hydrostatic pressure of standing water

Swimming pools have tiling joints and grouts which open over a period of time, while water tanks hold potable water that is used for drinking.

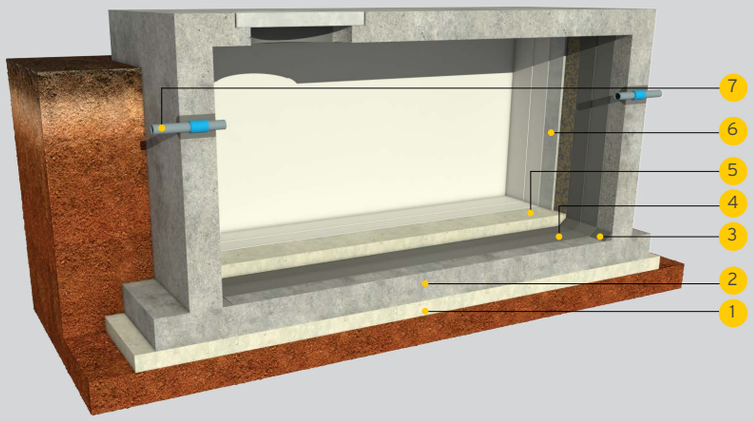
Swimming Pool

1. Dr. Fixit LW+/ Dr. Fixit Fastflex / Dr. Fixit Pidifin 2K
2. Angle Fillet with Dr. Fixit Pidicrete URP
3. Dr. Fixit Fastflex 2 coats sand sprinkle on Fastflex 2nd coat
4. Roff GTA + Tile + Roff RTM Epoxy Grout
5. Inlet Pipe
6. Outlet pipe
7. Soil



Water Tank

1. P.C.C Bed
2. Dr. Fixit Polyplus CP Admix
3. Angle Fillet
4. Dr. Fixit Fastflex / Dr. Fixit Pidifin 2K (2 coats)
5. Protection Screed 15/20 mm thick (Horizontal surface)
6. Plaster (Vertical surface)
7. Inlet/ Outlet Pipe



Holds water 365 days in a year; Has multiple plumbing and tiling joints.

Problems with the Surface

- Over a period of time, cracks develop on the concrete slab of these surfaces from where seepage of water occurs.
- Repair downtime for a water tank is very inconvenient for building residents as water supply to many homes would be cut off for few days.
- There are multiple joints in plumbing fittings, which are prone to ageing and leakage.
- Leakage from water tanks and swimming pools (if on podium level) spoils the overall aesthetic of the building, causing great concern to residents.
- Chemicals used for waterproofing water tanks should be food grade and safe for potable drinking water storage.

Repairs are very costly and cause inconvenience due to non-operational downtime.

The Solution

To prevent crack formation on the concrete substrate, Integral Waterproofing should be done while slab casting.

A protective elastomeric layer coating is applied on mother slab surface of water tanks/swimming pools, which would prevent water from seeping in and can withstand hydrostatic pressure of standing water.

The protective layer should have the following properties:

- Highly elastomeric
- Strong adhesion to the concrete substrate
- Ability to bridge cracks
- Thick and strong coating
- CFTRI approved: Safe for potable drinking water
- Ability to withstand high hydrostatic pressure of standing water

Advanced

Dr. Fixit Fastflex

Heavy duty acrylic two-component undercoat cementitious coating

Scan here for application video

Popular

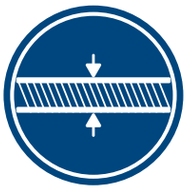
Dr. Fixit Pidifin 2K

Acrylic two-component undercoat cementitious coating

Scan here for application video

Features & Benefits

DR. FIXIT® FASTFLEX®
HEAVY DUTY COATING



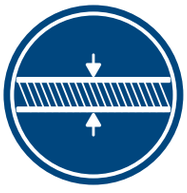
Up to 1500 micron

Upto 120% elongation

Crack bridging up to 2 mm

10 years life expectancy

DR. FIXIT® PIDIFIN® 2K



Up to 1000 micron

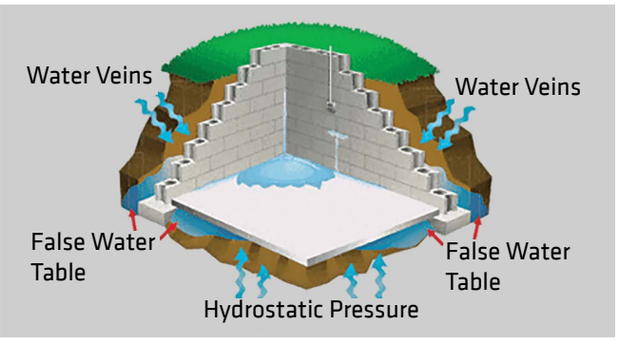
Up to 50% elongation

Crack bridging up to 1 mm

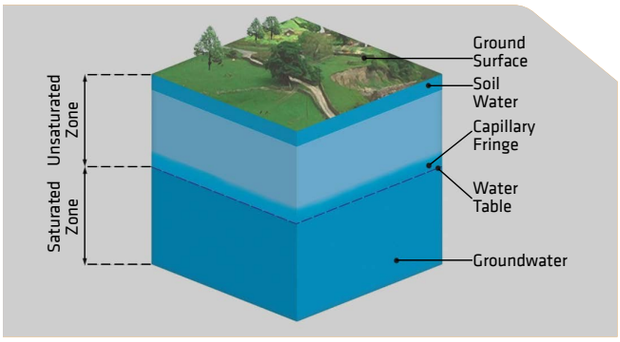
7 years life expectancy

BASEMENT WATERPROOFING

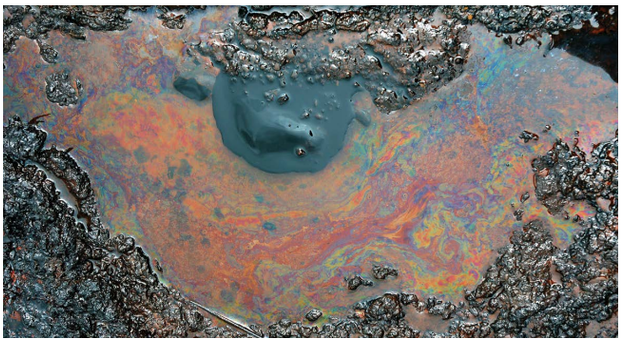
Basement-Challanges



Honey combing due to Improper compaction



Increase in Level of Water Table



Contaminated Soil

Close vicinity to landscaping, pipeline, waterbodies etc.

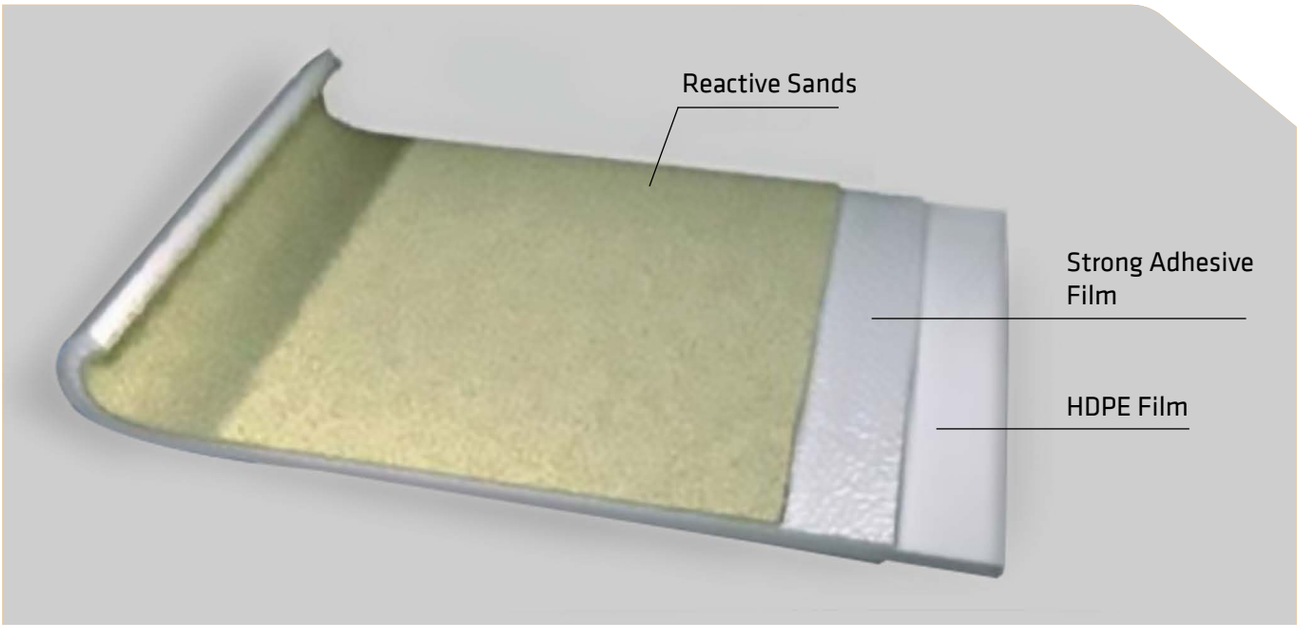
Usage-Habitable & car park areas

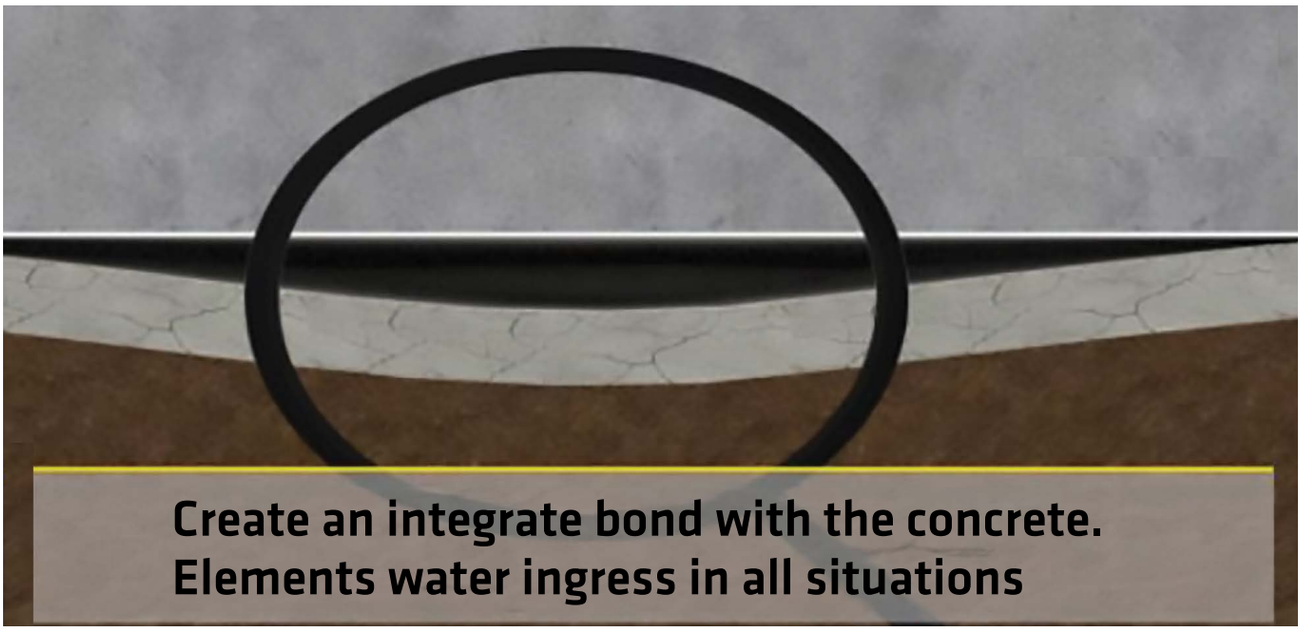
Difficult to trace the source of leakage

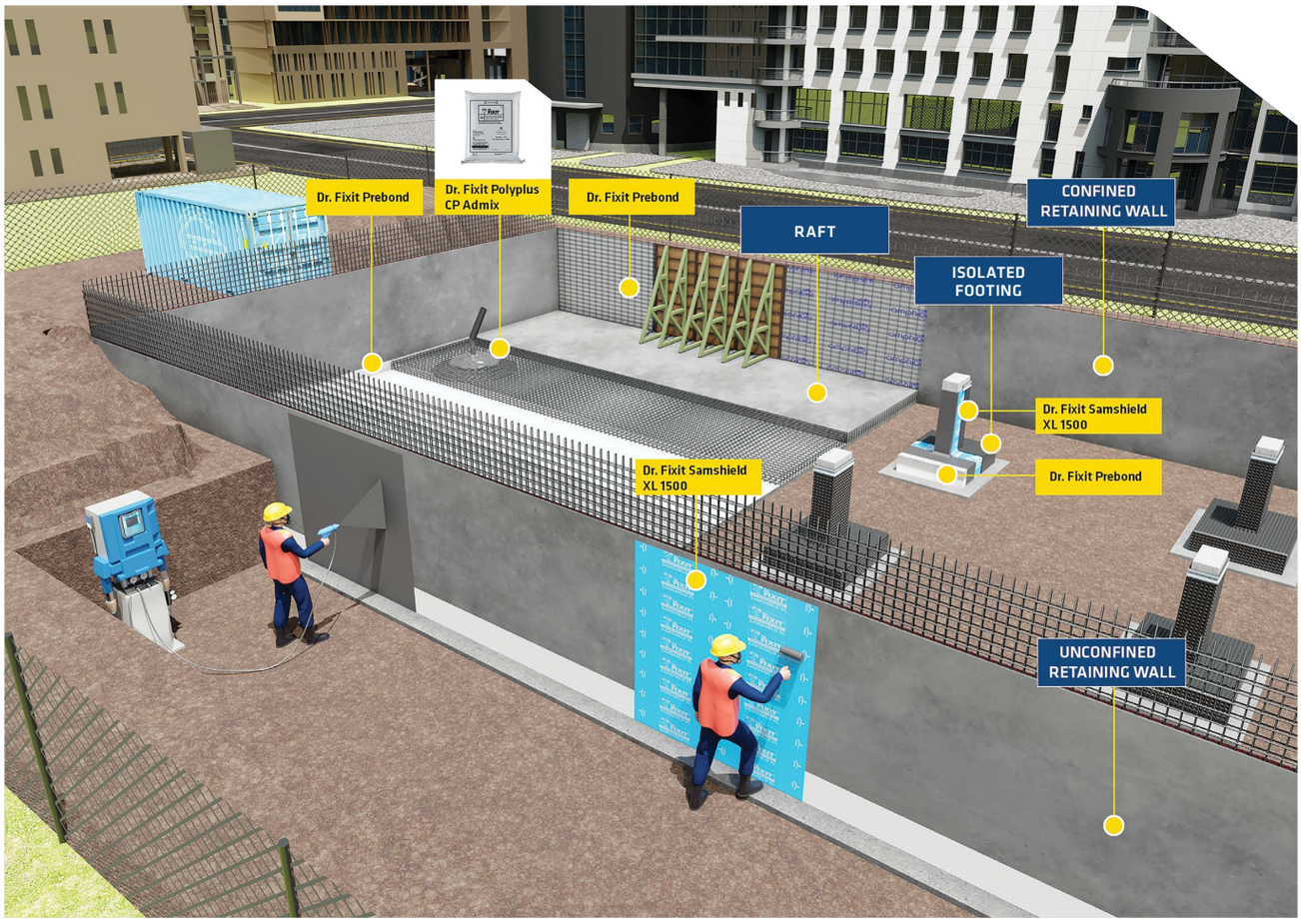
HDPE MEMBRANE - FEATURES

High Density Polyethylene Membranes

- Comprises of a HDPE layer, pressure sensitive adhesive (PSA) layer, which is covered by a weatherproof protective layer of sand.
- Enables the membrane bond to underside of the concrete
- Prevents ingress of water into the structure
- Prevents tracking of water between the membrane and the structure and
- Provides positive side protection against ingress of sub soil







Product solution based on Water Table

Construction Surface	Structure	Lower Water Table	Floating Water Table	High Water Table
New Construction	Membrane below Isolated Footing	NA	Dr. Fixit Prebond S + Dr. Fixit Samsheild XL	Dr. Fixit Prebond W + Dr. Fixit Samsheild XL
	Membrane below Raft	Dr. Fixit Prebond E	Dr. Fixit Prebond S	Dr. Fixit Prebond W
	Membrane from positive side of Retaining walls(confined)	Dr. Fixit Prebond E	Dr. Fixit Prebond S	Dr. Fixit Prebond S
	Membrane from positive side of Retaining walls(Unconfined)	Dr. Fixit Samshield XL	Dr. Fixit Samshield XL	Dr. Fixit Superseal 900

Note: It is recommended to add Dr. Fixit Polyplus CP Admix - Integral Crystalline Admixture in all RCC concrete structure like isolated footing, raft and retaining walls

Dr. Fixit Prebond E Pre applied fully bonded HDPE membrane

Dr. Fixit Prebond E

is a preformed and pre-applied HDPE fully bonded membrane that bonds to the wet concrete cast on the membrane. After the membrane bonds with the concrete it forms an integral seal which prevents lateral water migration and makes it unaffected by any substrate settlement below the slabs. Reinforcement can be directly laid on top of the membrane and it does not require screed protection. Dr. Fixit Prebond E is a unique HDPE membrane comprising of a HDPE layer and a pressure sensitive adhesive layer which is covered by a weather proof protective layer. The adhesive layer is activated when the concrete is poured on the membrane and it enables the membrane bond to underside of the concrete which prevents the ingress of water into the structure as well as prevents tracking of water between the membrane and the structure and provide a positive side protection against ingress of sub soil water. Dr. Fixit Prebond E can be used for horizontal as well as vertical blind side application.

Features

- Excellent Adhesion with concrete placed over the membrane, to protect the structure effectively, from the positive side.
- Low flatness requirement to substrate; reliable overlapping; fast and easy application.
- Lesser joints and overlaps, due to large roll widths.
- Adaptable to varying surface profile of the substrate.
- Resistant to high hydrostatic ground water-pressure.
- Resistant to aggressive ground water conditions.
- Eco-friendly material.

Property	Typical Values	Test Method
Colour	White / Off White	Visual Observations
Thickness of Composite Membrane	1.2 mm	ASTM D 3767
Thickness of Bare HDPE Membrane	0.7 mm	ASTM D 3767
Tensile Strength (Bare HDPE film)	21 MPa	ASTM D 412
Elongation (Bare HDPE film)	400 %	ASTM D 412
Low Temperature Flexibility	– 25^{0}C Pass	ASTM D 1970
Resistance to Hydrostatic Head	60 M	ASTM D 5385
Crack Cycling	Pass	ASTM C1305
Peel Adhesion to Concrete	880 N/m	ASTM D 903
Puncture Resistance	800 N	ASTM E 154
Dimensional Stability	0.5 %	ASTM D 1204
UV Exposure Limit	21 days pass	Internal test method

Roll Size : 2.4 mtr x 20 mtr

Dr. Fixit Prebond S Pre applied fully bonded HDPE membrane

Dr. Fixit Prebond S

membrane is a preformed and pre applied HDPE fully bonded membrane that bonds to the wet concrete cast on the membrane. After the membrane bonds with the concrete it forms an integral seal which prevents lateral water migration and makes it unaffected by any substrate settlement. Reinforcement can be directly laid on top of the membrane and it does not require screed protection.

Dr. Fixit Prebond S is a unique HDPE membrane comprising of a HDPE layer and a pressure sensitive adhesive layer which is covered by a weather proof protective sand particulate layer. The adhesive layer is activated when the concrete is poured /cast on the membrane and it enables the membrane to bond to the underside of the concrete which prevents the ingress of water into the structure as well as prevents tracking of water between the membrane and the structure thereby providing a positive side protection by virtue of an external tanking system against ingress of sub soil water. Dr. Fixit Prebond S can be used for horizontal as well as vertical blind side.

Features

- Excellent Adhesion with concrete placed over the membrane, to protect the structure from positive side.
- Low flatness requirement to substrate; reliable overlapping; fast and easy application.
- Lesser joints due to larger roll widths.
- Adaptable to varying surface profile.
- Resistant to high hydrostatic ground water-pressure.
- Resistant to aggressive ground water conditions.
- Eco-friendly material.

Property	Typical Values	Test Method
Color	White/Off White	Visual Observation
Thickness Composite	1.5 mm	ASTM D 3767
Bare HDPE thk	0.9 mm	ASTM D 3767
Tensile Strength (Bare HDPE film)	25 Mpa	ASTM D412
Elongation (Bare HDPE film)	500 %	ASTM D412
Puncture Resistance	1000 N	ASTM E 154
Resistance to Hydrostatic Head	70 Mtr	ASTM D5385
Low temperature flexibility	(-)25 °C Pass	ASTM D 1970
Peel Adhesion to concrete	880 N/m	ASTM D 903
UV Exposure limit	45 days Pass	Internal Test Method
Crack Cycling	Pass	Pass (ASTM C 1305 Modified)
Dimension Stability	< 0.5 %	ASTM D1204

20 mtr x 2.4 mtr roll @ composite thickness of 1.5 mm

Dr. Fixit Prebond W Pre applied fully bonded hdpe weldable membrane

Dr. Fixit Prebond W

membrane is a preformed pre- applied HDPE fully bonded weldable membrane that bonds to the wet concrete cast on the membrane. After the membrane bonds with the concrete it forms an integral seal which prevents lateral water migration and makes it unaffected by any substrate settlement below the slabs. Reinforcement can be directly laid on top of the membrane and it does not require screed protection.

Dr. Fixit Prebond W is a unique HDPE membrane comprising of a HDPE layer and a pressure sensitive adhesive layer which is covered by a weather proof protective layer. The adhesive layer is activated when the concrete is poured on the membrane and it enables the membrane bond to underside of the concrete which prevents the ingress of water into the structure as well as prevents tracking of water between the membrane and the structure and provide a positive side protection against ingress of sub soil water. Dr. Fixit Prebond W can be used for horizontal application.

Features

- Joints and overlaps are hot-welded to ensure zero leakage through lap joints.
- Excellent Adhesion with concrete placed over the membrane, to protect the structure effectively, from the positive side.
- Low flatness requirement to substrate; reliable overlapping; fast and easy application.
- Lesser joints and overlaps, due to large roll widths.
- Excellent UV Resistance for longer exposure up to 45 days
- Adaptable to varying surface profile of the substrate.
- Resistant to high hydrostatic ground water-pressure
- Resistant to acid, alkali, chlorides and sulphate attack
- Excellent water-tight joints due to welding

PROPERTIES	TYPICAL VALUES- 1.5 MM THICK MEMBRANE	TEST METHOD
Colour	White/ Off White	Visual Observations
Thickness of Composite Membrane	1.5mm	ASTM D 3767
Thickness of Bare HDPE film	0.9 mm	ASTM D3767
Tensile Strength (Bare HDPE Membrane)	25 N/mm^2	ASTM D412
Elongation (Bare HDPE Membrane)	500%	ASTM D412
Puncture Resistance	1000 N	ASTM E154
Low Temperature Flexibility (-25^{0}C)	Pass	ASTM D1970
Resistance to Hydrostatic Head	70 Mtr	ASTM D5385
Peel Adhesion to Concrete	880 N/m	ASTM D903
Lap peel adhesion (welded joints)	15000 N/mtr	ASTM D1876
Water Vapour Transmission	0.05 gm/m^2/day 0.03 Perms	ASTM E96
Water absorption	<0.5%	ASTM D570
UV Resistance	45 days pass	Internal Test Method

All test parameters are obtained under controlled Lab conditions.

20 mtr x 2.4 mtr roll @ composite thickness of 1.5 mm & 1.8 mm.

Dr. Fixit Superseal 900 Two-Component Liquid Applied Hybrid Polyurea Polyurethane Waterproofing Membrane

Dr. Fixit Superseal 900

is a premium, liquid-applied, highly elastomeric, two components, Polyurea polyurethane hybrid membrane, applied by brush, roller or spray and specifically used for long-lasting waterproofing protection.

Features

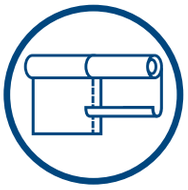
- Simple application by Brush, Roller, Airless Spray.
- Seamless membrane without joints.
- Resistant to water
- Resistant to puncture.
- Crack-bridging.
- Provides excellent adhesion to a wide range of surfaces.
- Resistant to detergents, oils, seawater and domestic chemicals.
- Easily repairable locally, without worrying about over coating period.
- No need of heating, equipment or open flame (no torch application) during application, since it is cold applied and hence safe to use and environment friendly.

TEST PARMETER	TEST METHOD/ CONDITIONS	UNIT	Observed Value
Mix Ratio (Part A : Part B) by weight			10: 6
Physical Form			Light red colored liquid (after mixing)
Specific gravity	@ 25^{0}C		1.10 ± 0.1
Solid Content	ASTM D 2369	%	82
Application Parameters			
Pot life	@ 25^{0}C	minutes	25.0
Pot life	@ 30^{0}C	minutes	20.0
Performance Parameters*	@ 30°C		
Tensile strength	ASTM D 412	N/mm^2	> 15.0
Elongation	ASTM D 412	%	> 600
Tear strength	ASTM D 624	N/mm	> 42.0
Shore A Hardness	ASTM D 2240		> 70.0
Water absorption	ISO 62	%	< 1.0
Recovery	ASTM D 412	%	> 85.0
Bond Strength to concrete	ASTM D 7234	N/mm^2	> 2.00 (or cohesive failure in substrate)
Crack bridging displacement	ASTM C 1305	mm	> 2.0

16 kg Combo Pack (Part A-10 kg & Part B- 6 kg).

FEATURES

DR. FIXIT® PREBOND E



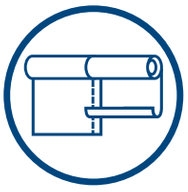
Lesser joints and overlaps, large roll widths.

Good Tensile Strength (21 Mpa) & Elongation(400%)

Eco-friendly material.

Prevents lateral migration of water

DR. FIXIT® PREBOND S



Lesser joints and overlaps, large roll widths.

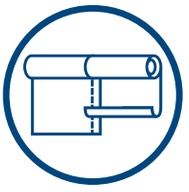
Better Tensile Strength(25 Mpa) & Elongation(500%)

Eco-friendly material.

Prevents lateral migration of water

DR. FIXIT® PREBOND W

Weldable joints for high joint strength(15000 N/mtr)



Lesser Joints and overlaps

Robust Joints

Highly Durable membrane

Dr. Fixit Samshield P 1500 & 2000

modified self-adhesive waterproofing membrane consists of a self-adhesive polymer modified bitumen layer coated on to a tough high density polyethylene film and protected on the other side by a silicone release film.

Features

- Cold applied self-adhesive and easy to apply.
- Excellent adhesion to vertical and horizontal surfaces.
- Good tear and puncture resistance.
- Water and vapour proof.

Property	Typical Values	Test Method
Roll Length (m)	10 ± 1%	DIN EN 1848-1
Roll Width (m)	1 ± 1%	DIN EN 1848-1
Thickness (mm)	1.5	DIN EN 1849-1
Coating mixture Softening Point *R&B), °C	> 105	ASTM D 36
Tensile strength Longitudinal. N/5 cm Tensile strength Transverse N/5 cm	L - Min.150 T - Min.120	ASTM D 5147
Elongation, (L&T) (to ultimate failure of rubberised bitumen)	L - Min.300 T - Min.300	ASTM D 5147
Adhesion Strength Primed Substrate Self	Min. 1 N/mm Min. 1 N/mm	ASTM D 1000
Puncture Resistance (Membrane), N	Min.150	ASTM E 154
Low temperature Flexibility	10 deg C No Cracking or Tearing observed	ASTM D 1970

Roll Sizes of 1 m x 10 m

Dr. Fixit Samshield XL 1500/2100 Cross laminated SBS self adhesive waterproofing membrane

Dr. Fixit Samshield XL 1500/2100

is a SBS modified self adhesive cold applied waterproofing membrane based on a tropical grade of polymer modified bitumen. The bitumen compound is laminated onto an impervious, non-perforated, Cross laminated HDPE film. The membrane is protected on the self adhesive side with a silicone coated release film.

Features

- Specially formulated for tropical climate grade.
- Provides protection against water and vapour.
- Self adhesive, requires just peeling off the silicone film and sticking to the surface.
- Excellent adhesion to vertical and horizontal surfaces.
- Excellent resistance to chlorides, sulphates, alkalis and acids.
- Good tear and puncture resistance.
- Excellent tensile strength.
- No flame hazard/ heating required.

Property	Typical Values	Typical Values	Test Method
	XL 1500	XL 2100	
Thickness (mm) (XL 1500/2100)	1.6 ± 5%	2.1 ± 5%	ASTM D 5147
Mass per unit area, (kg/m^2) (XL 1500/2100)	1.9 ± 10%	2.3 ± 10%	ASTM D 5147
Top Surfacing	Cross Laminated HDPE film		
Softening Point, (R & B) (°C)	105		ASTM D36
Tensile Strength (L/T), N/mm^2 (Compound membrane)	Min. 3.5 Min. 3.5	Min. 3.5 Min. 3.5	ASTM D 412 - 06
Elongation (L/T), (%) (Compound membrane)	L - Min. 180 T - Min. 180	L - Min. 180 T - Min. 180	ASTM D 412 - 06
Puncture Resistance, (N)	Min. 200	Min. 200	ASTM E 154
Hydrostatic pressure	> 60 m (6 BAR) No leakage	> 60 m (6BAR) No leakage	DIN 1048
Low temperature Flexibility	- 10^{0}C No Cracking or Tearing observed	- 10^{0}C No Cracking or Tearing observed	ASTM D 1970
Crack Bridging Ability, (mm)	Min. 1.5 (10 cycles passes)	Min. 1.5 (10 cycles passes)	ASTM C 836

Roll Size: 1 m x 10 m (1.6 mm & 2.1 mm)

Dr. Fixit Polyplus CP

is composed of high quality cement, properly selected & graded inert aggregates, proprietary waterproofing active chemicals & additives. It is used as a chemically active waterproofing treatment for concrete. Dr. Fixit POLYPLUS CP when mixed with water and applied as a brush coat to concrete, it penetrates deeply into the capillaries of the concrete & protects it against the permeability of water.

Features

- Chemical Resistance – Resist chemical attack (pH 3-11 constant contact, pH 2-12 intermittent contact) and provides a range of protection from freeze/ thaw cycles, aggressive subsoil waters, sea water, carbonates, chlorides, sulfates and nitrates.
- Application advantage – Does not require protective plaster, applicable over SSD & wet surface.
- Waterproofing - Stops water movement through concrete, becomes integral part of the structure.
- Corrosion - Protects reinforcing steel against corrosion.
- Sealing - Waterproofs minor cracking & seals shrinkage cracks up to 0.4 mm width.
- Permeability – Resists permeation of water from positive & negative side of the concrete.
- Chemical activation - It's waterproofing capability increases with time. i.e. It remains permanently active.
- Abrasion - Does not get affected by surface wear or abrasion, once the penetration is complete.
- Hydrostatic pressure - Treated concrete withstands hydrostatic water pressure up to 50 metre head.
- Ease of application - Easy in application, only to be mixed with water at site.
- Protection - Protects concrete against contaminated water & corrosion.
- Monolithic – Forms monolithic layer with the concrete & becomes integral part of concrete.

Property	Typical Values	Test Method
Appearance		Grey Powder
Bulk Density, g/cc		1.35 to 1.55
Water permeability	BS EN 12390 Part 8:2000	Nil
Water pressure head, mtr		40 - 50
pH (mixed with water 1:1)		11 - 14
Particle size, micron		40 - 150
Penetration rate		5 mm / week

1.5 - 1.6 kg/sq. m in two coats.

Dr. Fixit Polyplus CP Admix Integral crystalline waterproofing admixture

Dr. Fixit Polyplus CP Admix

is the new generation integral crystalline waterproofing and durability enhancing admixture which produces waterproof and durable concrete by improving corrosion resistance, reduction in cracks and drastically reducing water permeability under hydrostatic pressure.

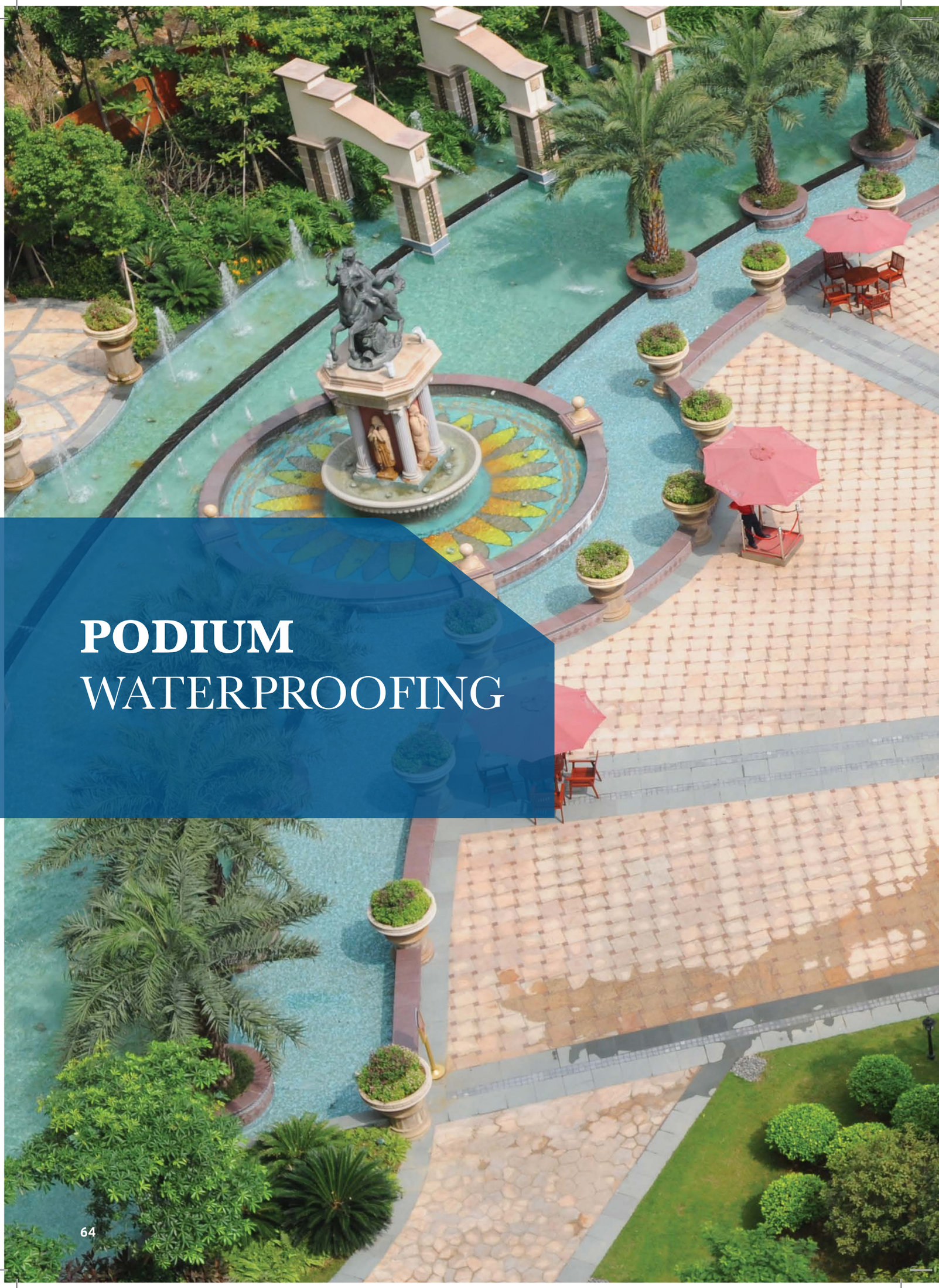
Dr. Fixit Polyplus CP Admix is the blend of various active chemicals which reacts with Un-hydrated cement particles in presence of water to form in-soluble needle shape crystals. These needle shape crystals fill the pores and capillary tracks and micro cracks within the concrete and permanently sealed against the penetration of water or liquids from both positive and negative side. The concrete is also protected from deterioration due to harsh environmental conditions.

Features

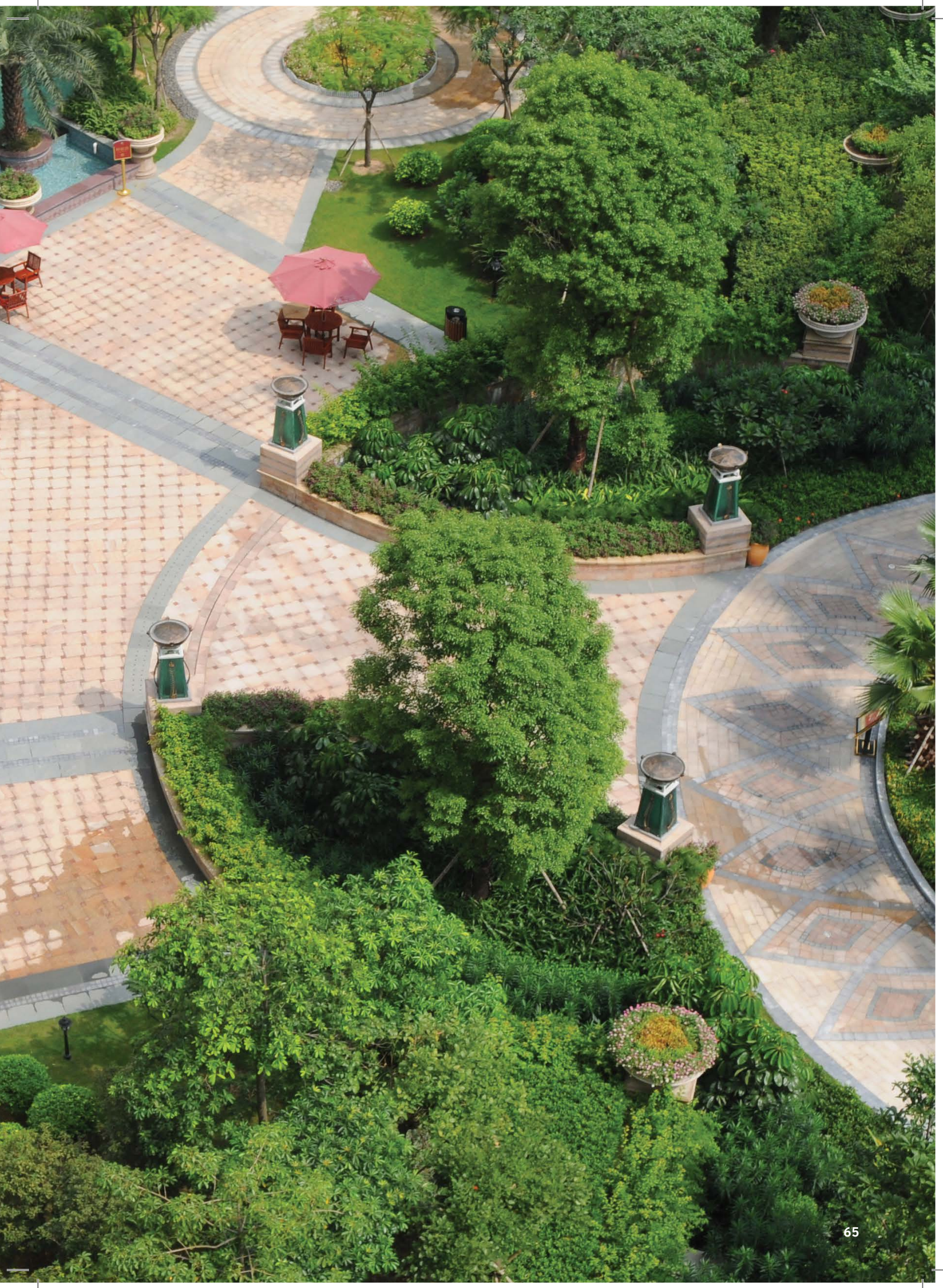
- Dr. Fixit PolyPlus CP admix contents zero VOC and nontoxic in nature.
- Dr. Fixit Polyplus CP Admix compliance with USFDA 170.300 for intended use for aqueous food and beverages.
- Resists extremely high hydrostatic pressure up to 16 Bar.
- Can self-heal crack up to 0.5 mm in presence of moisture.
- Reduces Co-efficient of water permeability by more than 90%.
- Enhances the compressive strength of concrete in long age.
- Reduces drying shrinkage by more than 20%.
- Significantly reduces chloride penetration and improve carbonation resistance.
- Eliminates the risk of alkali silica reaction (ASR) with maximum alkali content of 9%.
- No negative corrosion effect on the reinforcement steel with limited chloride content.
- Protects against sulfate attack.

Property	Typical Values	Test Method
Appearance	Visual	Grey coloured free flowing crystalline powder
Bulk Density, gm/cc		Approx. 1.4
Workability, Slump		Increase over control, Min 30%
Chloride (as Cl) %, Water Soluble		0.0048
Sulphate (as SO4) %, Water soluble		0.50
Compressive Strength, 28 days	ASTM C-39 IS- 516	Min 6% increase over control
Water permeability, 28 days	BSEN 12390 -Part 8:2000	Nil. No damp patch or water leakage observed
Rapid Chloride Ion Permeability, Coulombs	ASTM C1202-2007	1300 vs 2340 of control
Drying Shrinkage, 28 days	IS 2185	0.581 vs 0.867 on control Reduced shrinkage by 35%

5 & 30 kg



PODIUM
WATERPROOFING



Dr. Fixit Flexi PU 270(I) Liquid applied polyurethane waterproofing membrane

Dr. Fixit Flexi PU 270(I)

is a single component, liquid applied, highly permeant elastic, moisture cure polyurethane membrane for long lasting waterproofing performance. Dr. Fixit Flexi PU 270(I) based on pure elastomeric, hydrophobic polyurethane resins which cures to form seamless and durable waterproofing coating.

Features

- User friendly – Easy to apply by brush, roller, and spray.
- Formed seamless coating – No laps & joints.
- Highly Elastic & Flexible – Excellent crack bridging.
- Excellent adhesion with Concrete, Metal & Plastic – Fully bonded coating.
- Resist high hydrostatic pressure – High Water Resistance.

Tests	Test Standards	Specification requirement as per astm c 836-2018	Results
Hardness (Shore A Scale)	ASTM D 2240-15	>50	68
Non volatile content %	ASTM D 6511	Min 80%	>85%
Low temperature crack Bridging Capability	ASTM C 1305	No cracking	No crack at 3.2 mm
Film thickness	ASTM C 836	1.5 ± 0.1 mm	1.5 mm
Adhesion in peel after water immersion	ASTM C 794	4.4N	5.2N
Extensibility after heat ageing	ASTM C 1522	6.4 mm, No crack observed	No crack observed
Stability	ASTM C 836	Minimum 6 Months	Pass

Tests	Reference standards	Results
Tensile Strength	ASTM D 412	≥ 2 N/mm^2
% Elongation at Break	ASTM D 412	400%
Tensile Set	ASTM C 1305	No crack at 3.2 mm
Tear Strength	ASTM D 624	≥ 15N/mm
Water Vapor Permeability	ISO 9932:91	≥ 25 gm/m^2/day
Resistance to Water Pressure @ 5 bar	EN 12390: 8	Resistant
Adhesion to concrete	ASTM D 4541	≥ 1.5 N/mm^2
Resistance to Root Penetration	UNE CN/TS 14416	*Resistant

Dr. Fixit Flexi PU 270(I) is available in 25 Kg Pails in red or brick red

Method of Application

1 SURFACE PREPARATION:

- Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles.
- Concrete substrates should have minimum 25 MPa compressive strength and minimum 1.5MPa cohesive bond strength. Maximum permissible moisture content in concrete should not be more than 5 %.
- Ambient temperature shall be between 50C to 350C. During application, substrate temperature shall not exceed more than 600C. The temperature of the substrate must be 30C above the dew point temperature. The recommended humidity is 5 to 80 %. Higher humidity may modify the curing performance of Dr. Fixit Flexi PU 270(I) and may affect the final finish.
- Clean thoroughly construction joints and all cracks >2mm in width and prime locally with Dr. Fixit Pidiprime A.Fill the prepared cracks and Construction joints with Dr. Fixit PU sealant and allow to cure for recommended period. All treated cracks, joints and details areas like wall floor connections, pedestals eripheries, penetrations, drain outlet junctions must be treated with Dr. Fixit Cipoxy 16D primer and followed by single layer of Dr. Fixit Flexi PU 270(I) at 200mm width. Place the correct cut strip of 60 GSM geotextile fabric over the wet coating. Apply second coat of Dr. Fixit flexi PU 270 (I) to make it fully saturated and soaked. Allow to cure for 12 to 18 hours.

2 PRIMING:

- The concrete surface should be prime with Dr. Fixit Cipoxy 16D primer at an application rate of 0.20 Kg / m2 and allow it to touch dry condition which typical may take 3 -4 hours. Consumption of primer may vary and depend upon substrate porosity.
- All metal surfaces should be grit blasted to obtain minimum Sa 2.0 to 2½ surface finish. incase where If blasting is not practically possible then using of power tools to remove loose rust and scale to Sa.2.0 standard and ensure the surface to be dry, free from dust, grease and loose particles. After surface preparation immediately apply primer coverage @ 150 ml/m2 and allow the same to become tack free before proceeding for Dr. Fixit Flexi PU 270(I)

3 APPLICATION:

- Stir well Dr. Fixit Flexi 270(I) with low-speed mechanical stirrer before use. Pour Dr. Fixit Flexi 270(I) to the primed substrate and spread with roller or brush. Airless spray can use for faster and mechanize application.
- It is highly recommended to restrict maximum WFT of 0.6mm thickness in each layer. Allow it to cure for 12 to 18 hours and apply consecutive layer at same recommended thickness and consumption (not later than48 hours).
- After 3rd coat of application, allow it to cure complete Dr. Fixit Flexi PU 270(I) for 7 days to meet desired properties

4 Protection Screed :

- Loosely Lay more than 100 GSM geotextile fabric over fully cured Dr. Fixit Flexi PU 270(I) as separation layer. Protect the coating with M- 20 grade concrete screed at minimum thickness of 50 mm and at 1:100 slope toward drain outlet.
- Angle fillet must provide while screed application using polymer modified mortar at all junctions. Control joints shall provide along the length and breadth of entire screed area by using a saw cutting machine within 18-24 Hours of application of screed. The panel size of 3.25 m x 3.25 m is recommended with a maximum panel size of 15 m2, or as specified. All joints shall be fill with Dr. Fixit PU sealant or any other elastomeric material.

Precautions & Limitations

- All corners, gaps, joints, protrusions & outlets shall be coated with two extra coats.
- Ensure the application surface is dried with moisture contents <5%, Do not apply during rains
- Never dilute Dr. Fixit Pidipoxy MIEP and Dr Fixit Flexi PU 270(I) with any other solvent
- The application should not commence if the surface temperature <50C.

DR. FIXIT SERVICES

DR. FIXIT INSTITUTE
OF STRUCTURAL PROTECTION & REHABILITATION

DR. FIXIT INSTITUTE

To further propagate the message of "Healthy Construction", Pidilite has set up a not-for-profit organisation – Dr. Fixit Institute of Structural Protection and Rehabilitation. The aim is to enlighten professionals and applicators about the latest advances in technology and challenge the wrong conventional building techniques.

DR. FIXIT FOR HEALTHY CONSTRUCTION KNOWLEDGE CENTRE

DR. FIXIT KNOWLEDGE CENTRE

Dr. Fixit Knowledge Centre - a premier national knowledge and skill development centre. The Dr. Fixit Knowledge Centre imparts knowledge with a 3 pronged approach. Experience:- A large display area that has models of key areas in a building that needs waterproofing; Educate:- A dedicated space for training programs in waterproofing having two training rooms with audio and visual facilities and Execute:- An area where one will be able to see the actual application of our systems and also learn to do it.

ABOUT ADVANCED DIAGNOSTIC LAB

Pidilite has also set up an Advanced Diagnostic Laboratory and library for the industry professionals on its campus. This state -of-the-art lab has facilities for Non Destructive Testing such as UPV equipments, Schmidt Hammer, Profometer, corrosion Analyser, Crack microscope, concrete core Drilling etc.

DR. FIXIT® TECH HELP
WATERPROOFING EXPERT
1800 209 5502

DR. FIXIT TECH HELP

Dr. Fixit provides not only state-of-the-art products but also advisory services through the 12x7 Toll Free Service. For any high-end technical solutions, a panel of experts has been set up to advise on the queries through a dedicated technical helpdesk on 1800 209 5502/email: techhelp.drfixit@pidilite.com

Get support of BOQ, method statement, Technical Data sheet for various waterproofing requirements for different types of surfaces at the click of a button.

Scan here for Application Video

DR. FIXIT APPLICATOR SERVICES

At Dr. Fixit, we provide an ecosystem for applicators to function better by:

Training on Waterproofing: We have created modules for understanding waterproofing technically at each surface with detailed onsite support. Currently we have trained more than 15000 Applicators in waterproofing techniques. We also conduct 7-day training batches in our associated training centers.

Systems and Tools for Diagnosis: We enable applicators with the right system tools for creating structured diagnosis reports in sites where there are complex waterproofing issues involved.

Technical Help Desk: We have created an integrated portal where linked applicators can sign in for accessing solutions and BOQ/ Methodology for all types of waterproofing solutions. Currently we have 140 such scenario-based waterproofing solutions designed in the portal.

After-Sales Support and Warranty: We provide waterproofers with support in registering warranties along with getting after-sales warranty claims through our dedicated systems available.

COMPREHENSIVE WATERPROOFING FOR BUILDERS

Best Quality Products + **Site Support, Sampling & applicator assistance** = **Best Water Proofing Experience**

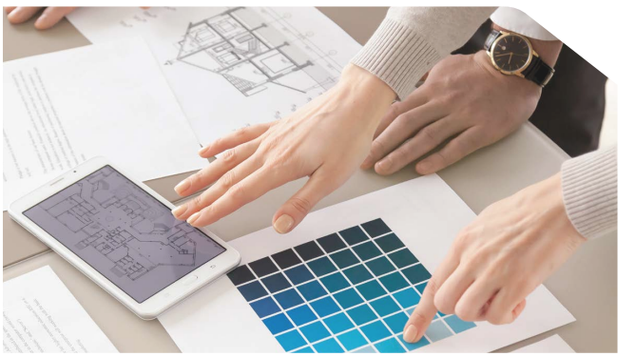
Dr. Fixit Waterproofing solution for Builders

Superior products

Access to Expert Waterproofers

Training for your applicators

Site supervision support by our executive



Site sampling & Raincoat preview service

FREE BATHROOM SAMPLING

We understand how critical it is for a builder to choose the best quality products so that they can give the best quality homes to their customers. We also understand that the best way to assess the quality of the product is to use it.

To facilitate the same, we offer
FREE WATERPROOFING OF 1 BATHROOM
with Dr. Fixit Pidifin 2k/Fastflex through our expert Waterproofer

TO AVAIL **FREE** SAMPLING OF 1 BATHROOM

please scan the code and submit your details.

METHOD STATEMENT FOR **COMPLETE WATERPROOFING.**

Surface wise brief method statement

1 a. WATERPROOFING OF BELOW GROUND STRUCTURES

SURFACE PREPARATION:

- Clean the application surface with wire brush or grinder as required. Remove all loose particles and sprinkle water to make the surface in SSD condition.

APPLICATION:

- Apply one undiluted coat of Dr. Fixit Bitufix/Fastflex on the footing, brick masonry and over plinth PCC. Apply it on all three sides as well as on the top (cover all exposed area) upto 300mm above the plinth level.
- After application of first coat, let it dry for 6 to 8 hours before application of second coat in a perpendicular direction to the first coat. Let the 2nd coat dry for 6 hours before doing backfilling.
- Cover the plinth beam and all coated surface with plaster in two layers admixed with Dr. Fixit Pidiproof LW+ integral waterproofing compound.

1 b. BASEMENT WATERPROOFING/ SUB STRUCTURE RETAINING WATERPROOFING-POSITIVE SIDE

SURFACE PREPARATION:

- Clean the application surface with wire brush or grinder as required. Prepare angle fillet min 50*50 mm using PMM Remove all loose particles and sprinkle water to make the surface in SSD condition.

APPLICATION:

- Apply 1 coat of Dr. Fixit URP in the ratio of 1: 1:5 (URP: Cement) by volume. Allow the coating to cure for 3 - 4 hours.
- Apply two coat of Dr. Fixit Fastflex achieve the DFT of 1.2 mm by brush at the interval of 4 to 6 hrs. Sprinkle the course, quartz sand while the second coat is still wet and leave to air cure for 3 days. in two layers admixed with Dr. Fixit Pidiproof LW+ integral waterproofing compound.

VERTICAL PROTECTION PLASTER

- Protective plaster should be done over the waterproof coating. Lay 15 mm thick plaster over the prepared surface of cement: sand mortar (1:4) admixed with integral waterproofing compound Pidiproof LW+ @ 200 ml per bag of cement. The curing shall be carried out for a minimum period of 2 weeks.

2 a. WATERPROOFING OF BATHROOM/KITCHEN/ WET AREAS

SURFACE PREPARATION:

- Clean the application surface with wire brush or grinder as required. Remove all loose particles and sprinkle water to make the surface in SSD condition.

APPLICATION:

- Coating to be applied on the mother slab, angle fillet, on the walls up to 3 feet and on shower splash area up to 6 feet.
- Make Angle fillet with PMM using Dr. Fixit URP of 50 mm x 50 mm in joint of wall and floor.
- On the mother slab, apply one coat of Dr. Fixit Pidifin 2K/ Fastflex/Bathseal Select
- After 4 to 6 hours of drying, apply second coat of Dr. Fixit Pidifin 2K/Fastflex/Bathseal Select in a direction perpendicular to the first coat.
- Cure it as per good construction practices

3. WATERPROOFING OF NEW ROOF

SURFACE PREPARATION FOR UNDERCOAT:

- Clean the application surface with wire brush or grinder as required. Remove all loose particles and sprinkle water to make the surface in SSD condition.

SURFACE PREPARATION FOR UNDERCOAT:

- Make Angle fillet with PMM using Dr. Fixit URP of 50 mm x 50 mm in joint of parapet wall.
- On the mother slab, apply one coat of Dr. Fixit Pidifin 2K/ Fastflex
- After 4 to 6 hours of drying, apply second coat of Dr. Fixit Pidifin 2K / Fastflex in a direction perpendicular to thefirst coat
- Cure it as per good construction practices

4. WATERPROOFING OF WATER TANKS

SURFACE PREPARATION:

- Clean the application surface with wire brush or grinder as required. Remove all loose particles and sprinkle water to make the surface in SSD condition.

APPLICATION:

- Make angle fillet with PMM using Dr. Fixit URP.
- Apply URP:Cememt in (1:1) as prime coat and apply two coat of Dr. Fixit Pidifin 2K/ Fastflex at the interval of 4 to 6 hours.
- Cure it as per good construction practices.

5. WATERPROOFING OF EXTERIORS

SURFACE PREPARATION FOR:

- Clean the application surface with wire brush/water jet/ buffing machine.
- Check the surface for any loose plaster, if found remove the loose plaster & fill the area with PMM using URP.

APPLICATION:

- Apply one coat of Dr. Fixit Primeseal mixed with water in a ratio of 2:1. Leave the surface to dry for 6 hrs.
- Apply 1 basecoat of Dr. Fixit Raincoat WPC with no dilution with brush/roller/spray gun. Allow to dry for 6 hrs.
- Apply 1 undiluted coat of Dr Fixit Raincoat Classic/Select perpendicular to the initial coat. Allow the coating to air cure for 7 days.
- Cure it as per good construction practices.

6. INTEGRAL WATERPROOFING (SLABS, PLASTER, FOUNDATION, COLUMNS & BEAMS)

SURFACE PREPARATION FOR:

- For every 5 bag of cement being used in the house for concreting, use 1 L Dr. Fixit LW+
- Pour cement & aggregates into the concrete mixer as per mix proportion and mix it in dry state for 1-2 minutes.
- Start addition of 75% of gauging water into this dry mix and mix for 2-3 minutes.
- Add Dr. Fixit LW+ to the remaining gauging water in the dosage of 1 Litre Dr. Fixit LW+ in 5 Bags of Cement.
- Add Dr. Fixit LW+ water mixture into the cement sand mixture & mix for another 2 minutes.
- Add 1 litre Plaster Master for every 5 bags of cement used for preparing mortar for Plastering.

WHY TRUST DR. FIXIT?

Dr. Fixit, from the house of nation's leading adhesive company, i.e, Pidilite Industries Ltd., is committed to providing its customers cutting edge Construction Chemical & Waterproofing solutions. Dr. Fixit has developed a portfolio of technologically advanced products with global expertise. With an elaborate R&D department situated in 5 countries, Dr. Fixit has been able to bring world class products to the Indian consumer.

For the waterproofing category, Dr. Fixit has ensured quality, consistency, and prompt service for all its products across India. We are committed to delivering solutions that adhere to both Indian and European technical standards from all our plants.

With a team of over 200 trained field personnel across India, Dr. Fixit is fully equipped to provide on-site support, technical assistance, sampling and problem redressal. In our endeavor to deliver long-lasting solutions, we acknowledge the role of best practices in application. We are proud to have trained over 1,00,000 contractors and applicators through our training workshops conducted across the country.

We recognize the role played by you in bringing the highest quality structures to your consumers and construction segment in India. We look forward to partnering with you in your journey of creating strong & leakfree homes for your customers.

Technical Executives

Our Technical executives are highly qualified engineers, well versed with product knowledge and its application. They will ensure that high standards are maintained and application is done correctly on site. For any queries, contact them as per below mentioned details.

TE NAME	LOCATION	MOBILE
Tapash Chakraborty	Kolkata	8584817155
K Mahesh Babu	Hyderabad	7304591273
Vivek Mishra	Indore	7389936669
Moumita Das	Kolkata	7400447246
R. Naresh	Hyderabad	9052119985
Mohanan K.	Cochin	8129499246
Purushothama V Babu	Chennai	7400447247
Gururaju S	Bengaluru	7304557578
S Balaji	Chennai	9136620208
Bexon G Skaria	Bangalore	8892341243
Pankaj Amrutkar	Mumbai	7304495647
Prasad Balasaheb Jagtap	Mumbai	8451802400
Anamika Singh	Pune	7710054794
Ayush Jain	Ahmedabad	9001296657
Hardik Luthia	Mumbai	7208080498
Rakesh D Waradkar	Mumbai	7718897825
Tanmay Parakh	Pune	8149634614
Mohan Manjrekar	Mumbai	9967567744
Prasoon Pandey	Noida / Ghaziabad	9136961318
Sagar Sanjay Srivastava	Lucknow	9136983055
Sunder Singh	Faridabad / Gurgaon	8527995851
Vijay Dutt Sharma	Noida	8527995850
Pankaj Kumar Kabdwal	Delhi	8527995855
Vijay Dutt Sharma	Noida	8527995850
Ravinder Singh Brar	Chandigarh	7304964157

Pidilite

DR. FIXIT®

WATERPROOFING EXPERT

PRODUCT GUIDE

COMPANY PROFILE

Pidilite Industries Limited is a leading manufacturer of adhesives and sealants, construction chemicals, craftsmen products, DIY (Do-It-Yourself) products and polymer emulsions in India. Our products range also includes paint chemicals, automotive chemicals, art materials and stationery, fabric care, maintenance chemicals, industrial adhesives, industrial resins and organic pigments & preparations. Most of the products have been developed through strong in-house R&D. Our brand name Fevicol has become synonymous with adhesives to millions in India and is ranked amongst the most trusted brands in the country. Some of our other major brands are **M-Seal, Fevikwik, Fevistik, Roff, Dr. Fixit, Fevicryl, Motomax, Hobby Ideas, Araldite.**

CONSTRUCTION CHEMICALS DIVISION

Pidilite, with its **brand Dr. Fixit®**, is the pioneer of waterproofing in India. It offers comprehensive waterproofing solutions for all structures including commercial and residential buildings, tunnels, bridges and prominent government buildings.

Product Name	Area of application	Features and Benefits	Benefit to stake Holder	SKU	Application	Price per sq. ft.	PCC Points CWC Benefit
INTEGRAL							
Pidiproof LW+ 	Waterproofing of concrete and sand-cement mortars used in : 1. Basements 2. Roof Slabs and Screeds 3. Water tanks and water retaining structures 4. Bathrooms and Balconies 5. Sumps and Drains	1. Protects and delays corrosion of Steel 2. Reduces shrinkage cracks in concrete and plasters 3.Improves workability of freshly mixed concrete 4.Increases strength and durability of concrete	Dealer : Basic waterproofing, very popular and well know brand for waterproofing roofs, bathrooms, and all structures of the house. Customer : Waterproofs the house and increases strength and durability of the structure, Reduces cracks in the concrete and protects against corrosion of steel User : Increases workability and ensure quality work to the customer	200mL, 1L, 5L, 10L, 20L, 50L and 100L	Mix 200mL of LW+ per 50kg bag of cement		**PCC :** 5 points per Rs 200 **4 CWC Points per L**
Plaster Master 	1. Internal Plastering 2. External Plastering 3. Ceiling Plastering	1. Smoother Plaster leading to better finish 2. Reduces Shrinkage cracks in Plaster by 80% 3. Saves Labour by reducing rebound losses and increasing workability 4.Reduces Seepage and Dampness by waterproofing the plaster	Dealer : Limited distribution - higher retained margins User : 1. 30% Reduction in Labour cost due to increased workability of mortar 2. Higher Material cost saving due to lower rebound losses. Customer : 1. Smoother Finish 2. Reduction in Seepage and Dampness 3. Reduction in Shrinkage cracks 4. Smoother Plaster and better finish	1L, 5L, 10L and 20L	Mix 200mL of Plaster Master per 50kg bag of cement		**PCC :** 5 points per Rs 200 **4 CWC Points per L**
BELOW GROUND WATERPROOFING							
Bitufix 	1. Below ground concrete structures	1. Dampproofing Below Ground surfaces in concrete structures to prevent water and moisture from rising through the concrete. 2. Easy application, water based chemical which adheres to concrete 3. Resistant to chemicals present in the ground	Dealer : Limited distribution - higher retained margins User : 1. 30% Reduction in Labour cost due to increased workability of mortar 2. Higher Material cost saving due to lower rebound losses. Customer : 1. Smoother Finish 2. Reduction in Seepage and Dampness 3. Reduction in Shrinkage cracks 4. Smoother Plaster and better finish	5L and 20L	Primer Application: Dilute Bitufix with 20% water and apply as primer coat Coating Application - Dry Film Thickness : 125 microns when applied at the rate of 700-800 sqft/20L drum (35-40Rs/L) Apply 2 coats perpendicular to each other		**CWC 5 points per L**
Terminator Structure 	1. For Soil treatment/ external areas of building 2. Treatment of RCC Structures and soil below floors 3. For Paint Application, mixed with water/ solvent based putty/ primers	1. Controls and prevents infestion of termites, borers, and fungus in buildings and soil and increases life-span of structure 2. Safe to use and made with herbal formulation	Dealer : Limited distribution - higher retained margins, in recently converted agricultural plots User : Prevents termite infestion and helps command higher price for construction Customer : Prevents destruction of RCC Structure of termites and increases life-span of building	500mL, 1L and 5L	For Soil Treatment and RCC Structure: Mix 1L conc. With 50L of water and apply on RCC Structures and Soil For Paint/Putty Emulsion, use 5% conc with 95% paint/putty emulsion		**PCC :** 4 points per Rs 200 **No CWC Points**

Product Name	Area of application	Warranty/ Life expectancy	Features and Benefits	Coverage & DFT	Elongation% & Crack Bridging	SKU	Mixing Ratios	Price per sq. ft.	PCC points CWC points
LATEX/SBR RANGE FOR UNDERCOAT WATERPROOFING AND REPAIR APPLICATIONS									
Pidicrete URP 	1. As a bond coat coat 2. Waterproofing of small roof, Bathroom, chajjas 3. Preparing repair mortar	NA	• SBR Latex for waterproofing & repair • Cracking – It prevents cracking by improving flexural strength • Bonds strongly to concrete, masonry, stonework, plasters, cementitious surfaces	Coverage- 20 – 22 sq ft per kg in 2 undiluted coats	NA	0.2, 0.5, 1,5, 10, 20, 50 kg packs	**WATERPROOFING COATING:** Mix Dr. Fixit URP : Cement in the ratio 1:1.5 by volume. **BONDING COAT:** Mix Dr. Fixit URP : Cement in the ratio 1:1 by volume.	Per sqft- Rs 8- 9.5	**PCC :** 4 points per kg **CWC :** 8 points per kg
All Seal 	Undercoat Waterproofing of Roofs and Sunken portion of bathrooms and toilets	5 years Life expectancy	• High strength SI Bond polymer • Shrinkage/crack control • Total solids % by mass - 45 to 48 • Excellent adhesion to concrete and masonry substrates	Coverage- 22 to 26 sq ft per kg in 2 undiluted coats	NA	1, 5, 10, 20,50 kg packs	**WATERPROOFING COATING:** For a waterproofing coating Mix Dr. Fixit All Seal: Cement in the ratio 1:1 by volume.	Per sqft- Rs 9.5-11	**PCC :** 5 points per kg **CWC :** 10 points per kg
Super Latex 	1. As a bond coat coat 2. Waterproofing of small roof, Bathroom, chajjas 3. Preparing repair mortar	NA	• SBR Latex for waterproofing & repair • Cracking – It prevents cracking by improving flexural strength. • Bonds strongly to concrete, masonry, stonework, plasters, cementitious surfaces.	Coverage: 70 - 80 sqft per kg in 2 coats (Latex:Water:Cement) ::(1 : 4 : 7)	NA	0.2, 0.5, 1,5, 10, 20 kg packs	**WATERPROOFING COATING:** (Super Latex : Water : Cement) 1 : 4 : 7 & apply 2 coats	Per sqft- Rs 3.5 to 5	**PCC :** 4 points per kg **CWC :** 9 points per kg
CEMENTITIOUS AND LIQUID APPLIED MEMBRANE									
Bathseal Select 	1. Waterproof coating for internal wet areas as under tiled finishes 2. Concrete, Pre-fabricated bathrooms, toilets 3. Drywall partitions, kitchens, laundry area	12 years Warranty for Bathroom and Wet areas	1. Flexible, has crack bridging ability 2. High bond strength to a variety of substrates and building materials 3. Bonds to clean metal drains, PVC, and ABS drain assemblies 4.Non-toxic, Provides a seamless coating	Coverage 8 to 9 sqft per lt for Primer + 2 undiluted coats to achieve 500-600 micron thickness	Elongation: 250% Crack bridging: 2mm	4, 10, 20 Ltr	**New Construction or Repair surface:** Self priming with 50% dilution & 2 undiluted coats of Bathseal select perpendicular to each other	Per sqft- Rs 32-34	**PCC :** 5 points per Kg **CWC :** 20 points per lt
Fastflex 	1. Roofs (<= 3500 Sqft) 2. Wet Areas (Bathroom, Kitchen) 3. Swimming Pools 4. Water Tanks	10 years Warranty for new Roofs, Bathroom and Water Tanks	• Prevents effloresence when used at DPC level • Seamless, impervious membrane; Withstands up to 5 bar pressure • Excellent adhesion to concrete and masonry substrates	Coverage 5 to 6 sqft per kg for 2 undiluted coats to achieve 1200-1500 micron thickness	Elongation: 120% Crack bridging: 2mm Food Grade:Yes	12 kg and 48 kg pack(For projects only)	**WATERPROOFING COATING:** 2 undiluted coats of Fastflex perpendicular to each other	Per sqft- Rs 25-27	**PCC :** 5 points per Rs 200 **CWC :** 8 points per kg
Pidifin 2K 	1. Roofs (<= 2500 Sqft) 2. Wet Areas (Bathroom, Kitchen Balconies, Chajjas 3. Water Tanks	7 years Life expectancy	• Acrylic cementitious two component Multipurpose coating • Excellent adhesion to concrete and masonry substrates	Coverage 6 to 7 sqft per kg for 2 undiluted coats to achieve 1000 micron thickness	Elongation: 50% Crack bridging: 1mm Food Grade :Yes	3, 15, 30, 90 kg (For projects only)	**WATERPROOFING COATING:** 2 undiluted coats of Pidifin 2k perpendicular to each other	Per sqft- Rs 15-17	**PCC :** 4 points per Rs 200 **CWC :** 5 points per kg

Product Name	Warranty	Features	Benefit to stake Holder	Coverage & Bases	SKU	Application	Price per sq. ft.	PCC & CWC Benefit
EXTERIOR WALL WATERPROOFING RANGE								
Raconcoat Neo 	**Warranty:** Paint and waterproofing- 5 years	• 2 in 1 benefit Paint+waterproofing compared to economy paint • 2x thickness of normal paint – Upto 110 microns vs 40-50 microns in Paints • 100% elongation • 0.5 mm crack bridging	• **Dealer** : Better margins in a highly competitive paint segment • Less bases to stock • **User** : Company backed flat warranty New Technology: PAINT VS COATing Repainting Surface : 33% savings in labour cost • **Customer** :2 in 1 Benefit Paint + Waterproofing at no Extra Cost	Coverage: 35-40 Sft Per ltr Bases: White, Mid, Dark Yellow	1 Ltr, 4 Ltr, 10 Ltr, 20 Ltr (10 Ltr available in white & yellow base)	**New Construction:** 1 Coat Primo white (50% Dilution) +2 Coats of Neo (Undiluted) **Repainting:** 2 Coats of Neo (Undiluted) for Light shades **Putty surface:** 1 Coat Primo Putty (100% Dilution) +2 Coats of Neo (Undiluted)	Appx. Neo: 6.25 Rs/Sft + Primo White 1.6 Rs per sft/ Primo Putty:1.1 Rs/sft	**PCC**:4 Points Per Ltr **CWC**: Token: 100- 500 Rs Surprise Token: 5000 Rs
Raconcoat Star 	**Warranty:** Paint and waterproofing- 7 years	• 2 in 1 benefit High Sheen Paint+waterproofing • Upto 110 microns vs 40-50 microns in Paints • 100% elongation • 0.75 mm crack bridging		Coverage: 45-47 Sft Per ltr Bases: White, Mid, Dark Yellow	1 Ltr, 4 Ltr, 10 Ltr, 20 Ltr (10 Ltr available in white & yellow base)	**New Construction:** 1 Coat Primo white (50% Dilution) +2 Coats of Star (Undiluted) **Repainting:** 2 Coats of Star (Undiluted) for Light shades **Putty surface:** 1 Coat Primo Putty (100% Dilution) +2 Coats of Star (Undiluted)	Per Sft Cost: Star :8.5 Rs/Sft + Primo White 1.6 Rs per sft/ Primo Putty:1.1 Rs/sft	**PCC**: 5 Points Per Ltr **CWC:** Token: 200- 500 Rs Surprise Token: 5000 Rs
Raconcoat Classic 	**Warranty:** Paint 10 years waterproofing- 10 years (*apply Raincoat basecoat/ waterproof coating)	• 160-170 microns • 100% elongation • Upto 2 mm crack bridging		Coverage: Classic Topcoat 60-65 Sft Per ltr Bases: White, Mid & Dark	1 Ltr, 4 Ltr, 10 Ltr, 20 Ltr (10 ltr available in white base)	**New Construction:** 1 Coat Primeseal (50% Dilution) +1 Waterproof Base coat (Undiluted) +1 Coat Raincoat Classic (Undiluted) **Repainting:** **1 Waterproof Base coat + 1 Coat Raincoat Classic (Both coats Undiluted)**	1 Coat Primeseal :2.5 Rs per Sft+1 Waterproof Base coat Rs.6.3 Per sft+1 Coat Raincoat Classic (Undiluted): 7 Rs sft	**PCC:** 5 Points Per Ltr **CWC:** Token: 240- 500 Rs Surprise Token: 5000 Rs
Raconcoat Select 	**Warranty:** Paint 12 years waterproofing- 12 years (*apply Raincoat basecoat/ waterproof coating)	• 170-190 microns • 100% elongation • Upto 2 mm crack bridging	• **Dealer:** Get additional range of Raincoat range to sell • **User** : Get finishing in 2 Coats compared to 3 coats of paint • **Customer** : Flat warranty which includes labour+material for project sites	Coverage: Select top coat 60-65 Sft Per ltr Bases: White, Mid, Dark Yellow	1 Ltr, 4 Ltr, 10 Ltr, 20 Ltr (10 Ltr available in white base)	**New Construction:** 1 Coat Primeseal (50% Dilution) +1 Waterproof Base coat (Undiluted) +1 Coat Raincoat Select (Undiluted) **Repainting:** 1 Waterproof Base coat + 1 Coat Raincoat Classic (**Both coats Undiluted**)	Per Sft Cost. Select :7.7 Rs/Sft + Base coat: 6.3 Rs per sft Primeseal: 2.5 Rs per Sft	**PCC:** 5 Points Per Ltr **CWC:** Token: 280 - 500 Rs Surprise: 5000 Rs
Raincoat WPC 	**Warranty:** waterproofing- 5 years	• 100-120 Microns • 100% elongation • Damp proofing for external walls		Coverage: waterproof Base coat 40-47 Sft Per ltr	1 Ltr, 4 Ltr, 10 Ltr, 20 Ltr	**New Construction:** 1 Coat Primeseal (50% Dilution) +1 Waterproof Base coat (Undiluted) **Repainting:** 1 Waterproof Base coat	Per Sft Cost. Waterproof Basecoat: 6.3 Rs/Sft Primeseal: 2.5 Rs per Sft	**PCC:** 4 Points Per Ltr **CWC:** Token: 150- 500 Rs Surprise: 5000 Rs
Primo White 	**NA**	• Dealer : Primer for Raincoat Neo/ Star • User : Better Coverage & Hiding • Customer : Superior whitness & sweet fragnance	• **Dealer**: Primer for Raincoat Neo/Star-additional Range from Dr. Fixit • **User** : Better Coverage & Hiding • **Customer** : Superior whitness & sweet fragnance	Coverage: Primo White 100 to 120 Sft Per ltr	1 Ltr, 4 Ltr, 10 Ltr, 20 Ltr	**New Construction:** 1 Coat Primo white (50% Dilution) **Repainting:** 1 Coat Primo white (50% Dilution) on Dark & Some pastel shades	Per Sft Cost. Primo white: 1.6 Rs.Per sft	**PCC:** 2 Points Per Ltr **CWC:** Token: 60 - 500 Rs Surprise: 5000 Rs

Product Name	Warranty	Features	Benefit to stake Holder	Coverage & Bases	SKU	Application	Price per sq. ft.	PCC & CWC Benefit
EXTERIOR WALL WATERPROOFING RANGE								
Primo Putty/Primeseal Putty Primer 	**NA**	• For Internal & External Walls • Superior Adhesion • Penetrating primer on putty surface	• **Dealer** : Unique primer created for putty surface for superior adhesion • **User** : Superior adhesion to putty • **Customer** : Longlife for paint on putty surface.	Coverage: Primo putty 150 to 175 Sft Per ltr	20 Ltr	**New Construction & Repainting :** 1 Coat Primo putty/ primeseal putty primer (100% Dilution)	Per Sft Cost. Primo white: 1.1 Rs. Per sft	**PCC:**4 Points Per Ltr **CWC:** Token: 60 - 500 Rs Surprise: 5000 Rs
Crack X paste 	**NA**	• Ease of application – it can be applied in crack gap up to 5mm • Flexible, therefore does not crack & accommodates minor movements in cracks	• **Dealer** : Unique product for crack filling • **User** : Hels fill cracks upto 5 mm	Coverage: 25-30 running meter/kg (for a depth of 5 mm and width of 5 mm).	0.5 kg, 1 kg & 5 kg	Widen all fine hairline cracks with a width greater than 0.50mm to a minimum of 3-5 mm using a scraper or cutter, creating a 'V' groove and fill with Dr. Fixit Crack X Paste. Do this process 2 times		**PCC:** 5 points per Kg **CWC :** 12 Points Per KG for 5 KG Pack only
ROOF WATERPROOFING RANGE								
Roofseal Classic New 	**Waterproofing Warranty:** **10 Years**	• Reinforced with Nano fiber – uniform deposition of material • DFT- 450 to 500 Microns • Crack bridging upto 2mm • Elongation upto 200% • Tintable • Can be applied for Roof upto 5000 Sq Ft	**Dealer** : Better Margins unlike other paint brands **User** : • 20% Extra Coverage vs Competition • Easy to apply • Superior Hiding and Whiteness **Customer** : • Waterproofing and Cooling together - 10Yr Waterproofing Warranty and 10 Degree Temperature Reduction.	Coverage: 11-12 Sq Ft Per Litre Bases: White, Grey Terracotta	1Ltr, 4 Ltr, 10 Ltr, 16Ltr 20 Ltr	Repair & New Construction: Self Priming (50% Dilution) + 2 Undiluted Coats For Ceramic Tiles: 1 Coat Primer AC + 2 Undiluted Coats of Roofseal Classic	MRP:7355 Appx. Cost : 20 Rs/Sft	**PCC:4 Points Per Ltr** **CWC: 150 - 500 Rs**
Roofseal Select 	**Waterproofing Warranty:** **12 Years**	• DFT- 1000 Microns • Crack bridging upto 2mm • Elongation upto 200% • Single Component 3 Coat System reinforced with fiber mesh • Can be applied for Roof upto 10000 Sq Ft	**Dealer** : Better margins unlike other paint brands **User** : • Heavy duty fiber reinforced coating • 1000 micron thickness • For Larger Roofs Application upto 10000 sft **Customer** : • Waterproofing and Cooling together - 12Yr Waterproofing Warranty and 10 Degree Temperature Reduction.	Coverage 6.7-7.1Sq Ft Per Litre. Bases: White Grey, Terracotta	4 & 20 Ltr	Repair & New Construction: Self Priming (50% Dilution) + 3 Undiluted Coats with 45 gsm fiber mesh For Ceramic Tiles: 1 Coat Primer AC + 3 Undiluted Coats of Roofseal Select with fiber mesh	MRP:8800 Appx. Cost: 43 Rs/Sq ft	**PCC:5 Points Per Ltr** **CWC: 200- 500 Rs**
Roofseal Ultra 	**Waterproofing Warranty:** **15 Years**	• High Build system • DFT- 1000 Microns • Crack bridging upto 3mm • Elongation upto 300% • Single Component 2 Coat System reinforced with fiber mesh • Can be applied for Roof upto 50000 Sq Ft	• **Dealer** : Better Margins unlike other paint brands **User** : • Heavy duty PU Hybrid Coating • 1000 micron thickness • For Larger Roofs Application upto 50000 sft **Customer** : • Waterproofing and Cooling together - 15Yr Waterproofing Warranty and 10 Degree Temperature Reduction.	Coverage: 7.1-7.6 Sq Ft Per Litre. Bases: White	20 Ltr	Repair & New Construction: Primeseal (50% Dilution) + 2 Undiluted Coats with 45 gsm fiber mesh For Ceramic Tiles: 1 Coat Primer AC + 2 Undiluted Coats of Roofseal Ultra with fiber mesh	MRP:11330 Appx. Cost: 58 Rs/Sq ft	**PCC:** 5 Points Per Ltr **CWC:** 200- 500 Rs
Sureseal 	**5 Years In New Construction**	• Single Component • Easy to use • Quick drying time • Tintable in Pastel shades • Internal/Bathroom Common Walls	• **Dealer** : Better margins unlike any other Paint Brand. **User** : • Dries quickly • Easy to use- • No need to break plaster • Instant token of 100-300 Rs in 20L drum **Customer** : • No need to break plaster	Coverage: 20-25 Sq Ft Per KG. Bases: White	1 Kg 5 Kg 20 Kg	Two undiluted coats of Sureseal	Appx. Cost: 11 Rs/Sq ft	**PCC:** 4 Points Per KG **CWC:** 100- 300 Rs for 20 KG & 30-50 Rs for 5 KG

Pidilite

SOCIETY PROTECTION

DR. FIXIT®
WATERPROOFING EXPERT

THE COMPREHENSIVE SOLUTION GUIDE

For co-operative housing societies

THE SOCIETY THAT DOES COMPREHENSIVE MAINTENANCE TOGETHER STAYS TOGETHER

A multi dwelling building (CHS) is not just home for families, but also houses their dreams and aspirations.

Just like a human body which requires periodic care to stay healthy, Buildings are no different! Over a period of time, Buildings are subjected to various forces which cause the wear and tear of building.

The wear and tear causes damage to the **EXTERNAL BEAUTY** as well as affects the **STRUCTURAL INTEGRITY** thereby weakening the building. This needs to be addressed at suitable intervals so that health of building is maintained.

Doing comprehensive maintenance which addresses both the needs of building- **EXTERNAL BEAUTY** as well as **STRUCTURAL INTEGRITY** becomes an important activity to be carried out. Since the residents cannot, in their individual capacity maintain the entire building, they form committees to take such decisions for them. As the building cannot call for help, the committee needs to take responsibility for regular maintenance, preservation of good health and aesthetics of the building.

Office bearers of the committee are responsible for various repair and maintenance decision after due diligence and exploring various options.

Dr. Fixit Society Protection is a program designed to help office bearers make such decisions on behalf of those who have bestowed their trust in them.

WHAT DO YOU DO WHEN YOU HAVE BEEN ENTRUSTED WITH TAKING A DECISION ON BEHALF OF OTHERS?

ACT RESPONSIBLY and IN BEST INTEREST OF ALL!

The answer is so simple, isn't it? You cannot compromise. Your credibility depends on the outcome of the decisions you take. Since it is impossible to predict the future, it is always wise to 'Choose the best, to get to best'

When it comes to choosing the best for comprehensive building maintenance, you have to keep in mind both the objectives- EXTERNAL BEAUTY as well as STRUCTURAL INTEGRITY. To help you do proper structural repair, waterproofing and painting, Dr. Fixit offers you best solutions enabled by specialized range of products.

Dr. Fixit is a pioneer in waterproofing industry, helping millions of Indians realize their dream of making a leakfree home. We are the only COMPREHENSIVE solution provider for all types of BUILDING MAINTENANCE requirements.

We act and adhere to our moto for buildings-

'STRONGER INSIDE BEAUTIFUL OUTSIDE'.

So, when it's about Building Maintenance, just reach out to the best solution provider in town and have a great peace of mind!

APPROACH FOR COMPREHENSIVE SOCIETY MAINTENANCE

At Dr. Fixit, we follow a scientific approach for building maintenance which starts from comprehensive diagnostics, moving to solution suggestions and solution delivery through trained experts.

STRUCTURAL DIAGNOSTIC SERVICE

- **Comprehensive visual diagnostic check report for building.**
- Leakage detection, Advance diagnostic, NDT services on request from Dr. Fixit Institute of Structural Protection and Rehabilitation.

SOLUTION LEAD BY SUGGESTIONS

- We diagnose building problems, and document appropriate solutions, – pertaining to repair, waterproofing and painting.
- Remedial suggestion based on Root – cause analysis.

DR. FIXIT APPLICATOR SERVICES

- **Dr. Fixit Trained Applicators Support for Customers,** capable of successfully completing the most challenging waterproofing and repair work.

TECHNICAL SUPPORT

- Quality check of workmanship by Dr. Fixit Technical expert team.
- Checklist based site inspection Pre – During – Post.
- Site Audit report shared with client & applicator.
- Dedicated technical helpline- 1800 209 5504 for all your queries.

WHY DIAGNOSIS IS IMPORTANT?

What does a doctor do when we go to him for any illness? He first does a checkup to understand the problems we face and then prescribes the treatment as every illness needs a different treatment.

The building that we reside in also undergoes wear and tear which leads to development of certain problems which require specific jobs to be undertaken. The only way to decipher the issues faced by building is by carrying out thorough diagnosis.

Diagnosis is important to determine which jobs needs to be carried out in the building so that the structural integrity is maintained.

There are various levels of diagnosis which are required depending on the condition of building. We at Dr. Fixit have the expertise in all types of diagnosis which run as follows-

THERE ARE 3 LEVELS OF DIAGNOSTIC SERVICES WHICH ARE PROVIDED AS FOLLOWS

Advanced Diagnostic		Need based in very weak structures
Moisture Test		Scientific method to determine moisture Wetness not visible to naked eye determined
Visual		Comprehensive Inspection of all surfaces Provides initial diagnosis

Solution providing based on detailed scientific assessment

EXTERIOR WALLS

THE MOST VISIBLE SURFACE OF YOUR HOUSE. WHEN YOUR EXTERIOR WALLS ARE MAINTAINED WELL, THEY DRAW ADMIRATION AND ENVY.

WHY WATERPROOF EXTERIOR WALLS?

Exterior walls are constantly exposed to changing weather, which impacts not just the paint but also develops cracks on the surface. Exterior paint applied on the walls only serve the purpose of beautification, but can not limit the impact of rains and changing weather. Therefore it is important not just to paint the exterior walls but also waterproof them.

WHY COATING?

The word Coating indicates that it is protective in nature, while paint implies only aesthetics. A coating with higher thickness, flexibility and breathable properties is much tougher as compared to any conventional paint and provides protection to the surface from the natural elements for a prolonged period. A good exterior coating creates a thick film on the exterior surface to protect it from moisture as well as regular wear and tear. These coatings prevent the ingress of water and give a decorative finish to the exteriors as well.

An IDEAL Waterproof Coating delivers a perfect combination of a strong, waterproof film & superior aesthetics.

RAINCOAT BRAND

Dr. Fixit Raincoat is a comprehensive waterproofing system. Traditionally exterior walls were painted only for a decorative finish, but ever since the launch of Raincoat more than a decade ago, exterior walls are not just painted but waterproofed also.

Raincoat has stood the test of time and delivered the desired results in different climatic conditions across the country. Raincoat has been successfully protecting thousands of houses for more than a decade and has become the customers' first choice when it comes to the waterproofing and repair work for their building.

Being a pioneer in the waterproofing industry, Dr. Fixit Raincoat has established itself as the only comprehensive solution to any waterproofing requirement for exterior walls.

WARRANTY

Warranties can be confusing for the building owner as well as the contractor. Too often, the only thing considered is the overall duration of a warranty, which might be misleading.

Most of the paint companies offer two types of warranty. One is a "Performance Warranty" which is on the colour retention and film integrity. Other is "Waterproofing Warranty". It is often seen that waterproofing warranty is lesser than performance warranty. The ultimate test of any good coating is the waterproofing warranty.

A discerning customer will always make a decision keeping both the above warranties into consideration and give priority to a higher waterproofing warranty as compared to Performance Warranty.

Dr. Fixit now introduces yet another hi-tech, exterior elastomeric waterproof coating range that not only looks good, but lasts long.

EXTERIOR'S- RAINCOAT SYSTEM

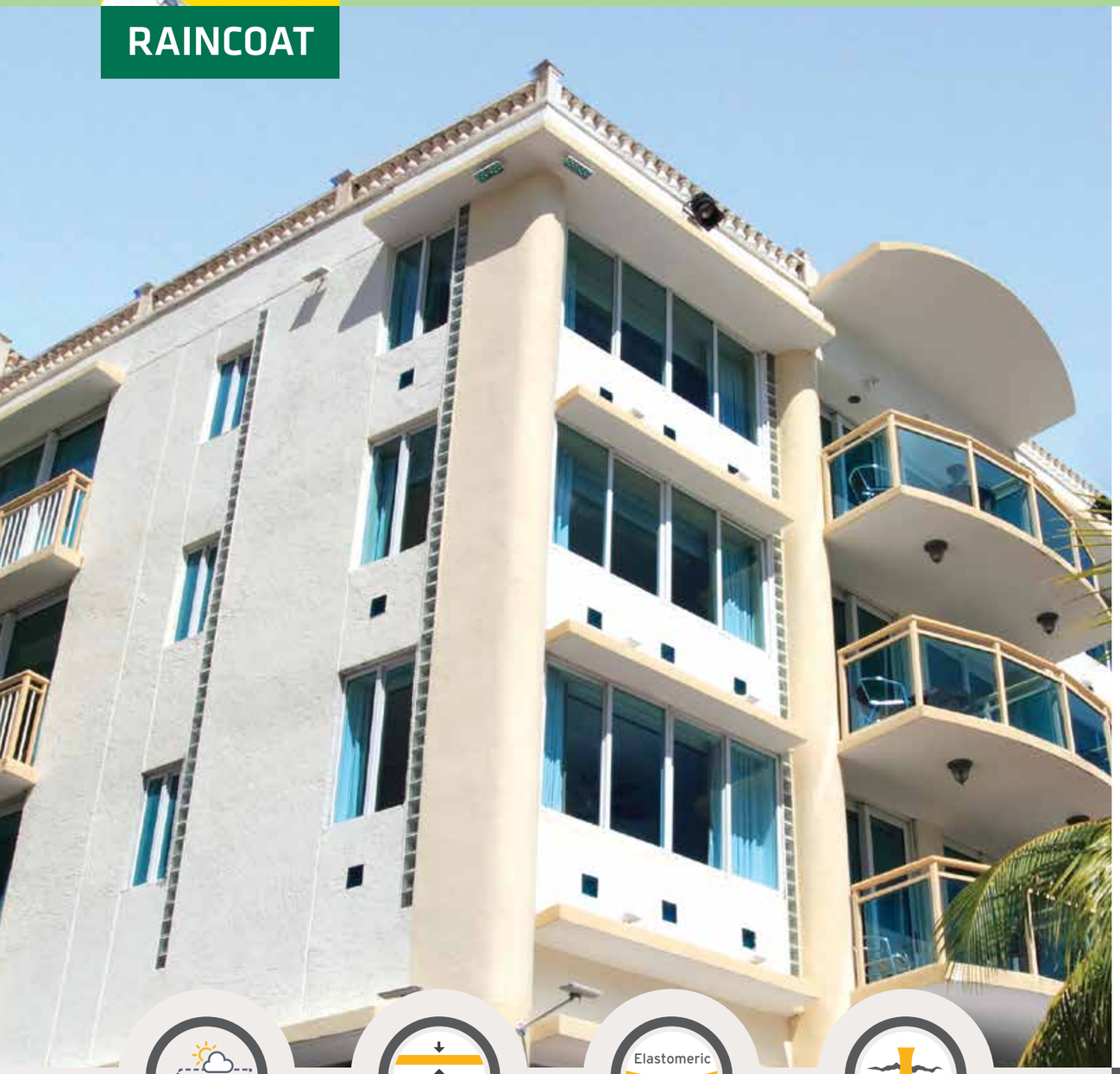
				
PRODUCT	**RAINCOAT WATERPROOF COATING**	**RAINCOAT CLASSIC**	**RAINCOAT SELECT**	**RAINCOAT COOOL**
FILM THICKNESS	120-130 microns	170-190 microns	190-210 microns	200-220 microns
COAT SYSTEM	1 Coat Raincoat Waterproof Coating + any top coat can be applied	1 Coat Raincoat Waterproof Coating + 1 top coat Raincoat Classic	1 Coat Raincoat Waterproof Coating + 1 top coat Raincoat Select	1 Coat Raincoat Waterproof Coating + 1 top coat Raincoat Coool
COVERAGE	40 Sq Ft per litre	Raincoat Waterproof Coating 40 sq ft per litre Raincoat Classic 70 Sq Ft per litre	Raincoat Waterproof Coating 40 sq ft per litre Raincoat Select 70 Sq Ft per litre	Raincoat Waterproof Coating 40 Sq ft per litre Raincoat Coool 70 Sq Ft per litre
WATERPROOFING WARRANTY	**5 YEARS**	**7 YEARS**	**10 YEARS**	**7 YEARS**
CRACK BRIDGING	0.5 mm	2 mm	2 mm	up to 1 mm
SPECIAL	Suitable for use with any top coat	Any Shade	Any Shade	8 degrees surface temperature reduction in pastel shades

*Coverage can vary depending on surface.

*Dr. Fixit Primeseal Primer is not required in re-painting.

DR. FIXIT®

RAINCOAT



RAINCOAT

RAINCOAT WATERPROOF COATING

Dr. Fixit Raincoat Waterproof Coating is composed of high quality acrylic emulsion polymer, excellent alkali resistance, provides a breathable film that allows moisture vapour to pass through, it prevents the penetration of liquid water with a high resistance to blistering & peeling . It has superior elasticity with 100 % elongation to resist cracking. Ideal for new and re painting masonry surfaces as waterproof & protective coating. Confirms to SS 500:2015 Singapore waterproofing standard.

KEY FEATURES

5 years Waterproofing warranty*

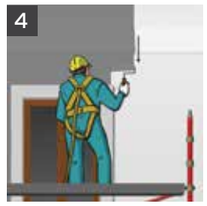
Dr. Fixit Raincoat Waterproof Coating is suitable for use with any top coat, so you can put any decorative paint over it and get the waterproofing benefits of the base coat.

APPLICATION METHOD

Clean the surface thoroughly using wire brush to remove all loose material, dust etc. from the surface.

Wash the surface to ensure that the cracks and minor voids are free of all loose particles and dust.

Cracks up to 5 mm to be filled with Dr. Fixit Crack-X Paste and the larger ones up to 10 mm with Dr. Fixit Crack-X Shrinkfree.



Apply one coat of Dr. Fixit Raincoat Waterproof Coating without dilution by roller to get a coverage of 35-40 sq ft/ ltr.

Weather Resistance

Provides long lasting protection

2x Film Thickness – 125 -150 microns

Protects your external walls

Elastomeric

Accommodates surface elongation and contraction

Crack Bridging upto 0.5 mm

Does not let ugly cracks show up

5 YEARS WATERPROOFING WARRANTY

Suitable for any top coat

*When applied as per the recommended surface preparation & method of application.

DR. FIXIT®

RAINCOAT

Tintable

Excellent hide and color retention

4x Film Thickness – 160 -190 microns

Protects your external walls

Elastomeric

Accommodates surface elongation and contraction

Crack Bridging upto 2 mm

Does not let ugly cracks show up

RAINCOAT
CLASSIC

Dr. Fixit Raincoat Classic System is composed of acrylic emulsion polymer, UV resistant & weather durable pigments, additives & biocides. The coating is designed to expand & contract, the high elongation and recovery properties allow this product to bridge cracks up to 2mm in vertical masonry surfaces. Raincoat Classic contains agents which inhibit the growth of algae and spores of fungus on the surface of the paint film, also deliver superior durability for any color along with the promise of long lasting beauty.
Confirms to SS 500:2015 Singapore waterproofing standard

KEY FEATURES

7 years* Waterproofing warranty**

Excellent Anti-algal and anti-fungal performance

UV resistant for excellent colour retention performance

APPLICATION METHOD

1. Clean the surface thoroughly using wire brush to remove all loose material, dust etc. from the surface.
2. Wash the surface to ensure that the cracks and minor voids are free of all loose particles and dust.
3. Cracks up to 5 mm to be filled with Dr. Fixit Crack-X Paste and the larger ones up to 10 mm with Dr. Fixit Crack-X Shrinkfree.
4. Apply one coat of Dr. Fixit Raincoat Waterproof Coating without dilution by roller to get a coverage of 35-40 sq ft/ ltr.
5. Apply one coat of Dr. Fixit Raincoat Classic Topcoat without dilution by brush or roller to get a coverage of 65-70 sq ft/ ltr.

1st Coat	1 Coat of Raincoat Waterproof Coating	@ 35-40 sq. ft per ltr.
2nd Coat	1 Coat of Raincoat Classic	@ 65-70 sq. ft per ltr.

***10 years paint performance warranty

7 YEARS* WATERPROOFING WARRANTY

High Build exterior coating

*When used with Dr. Fixit Raincoat Waterproof Coating .
**When applied as per the recommended surface preparation & method of application.
*** Raincoat Classic will not blister, flake or peel for 10 years.

DR. FIXIT®

RAINCOAT

RAINCOAT
SELECT

Dr. Fixit Raincoat Select System The coating is designed to expand & contract, the high elongation and recovery properties allow this product to bridge cracks up to 2mm in vertical masonry surfaces. It provides extremely durable & dirt resistant waterproofing finish with 100 % elongation. It is based on APEO free technology with fluoropolymer as special additive. It has better dust pick up resistance, meets requirement of EN 1062- 6 anti-carbonation standards. The Raincoat Select system has excellent weatherability and UV resistance properties which provide long term durability to the structure. waterproofing standard.

KEY FEATURES

10 years* Waterproofing warranty**

High sheen for enhanced aesthetics

Low dirt pick up for long lasting finish

APPLICATION METHOD

Clean the surface thoroughly using wire brush to remove all loose material, dust etc. from the surface.

Wash the surface to ensure that the cracks and minor voids are free of all loose particles and dust.

Cracks up to 5 mm to be filled with Dr. Fixit Crack-X Paste and the larger ones up to 10 mm with Dr. Fixit Crack-X Shrinkfree.

Apply one coat of Dr. Fixit Raincoat Waterproof Coating without dilution by roller to get a coverage of 35-40 sq ft/ ltr.

Apply one coat of Dr. Fixit Raincoat Select Topcoat without dilution by brush or roller to get a coverage of 65-70 sq ft/ ltr.

1st Coat	1 Coat of Raincoat Waterproof Coating	@ 35-40 sq. ft per ltr.
2nd Coat	1 Coat of Raincoat Select	@ 65-70 sq. ft per ltr.

Tintable

Excellent hide and color retention

5x Film Thickness – 180 - 210 microns

Protects your external walls

Durability

Excellent protection from cracking, peeling and blistering

Crack Bridging upto 2 mm

Elastomeric coating

10 YEARS* WATERPROOFING WARRANTY

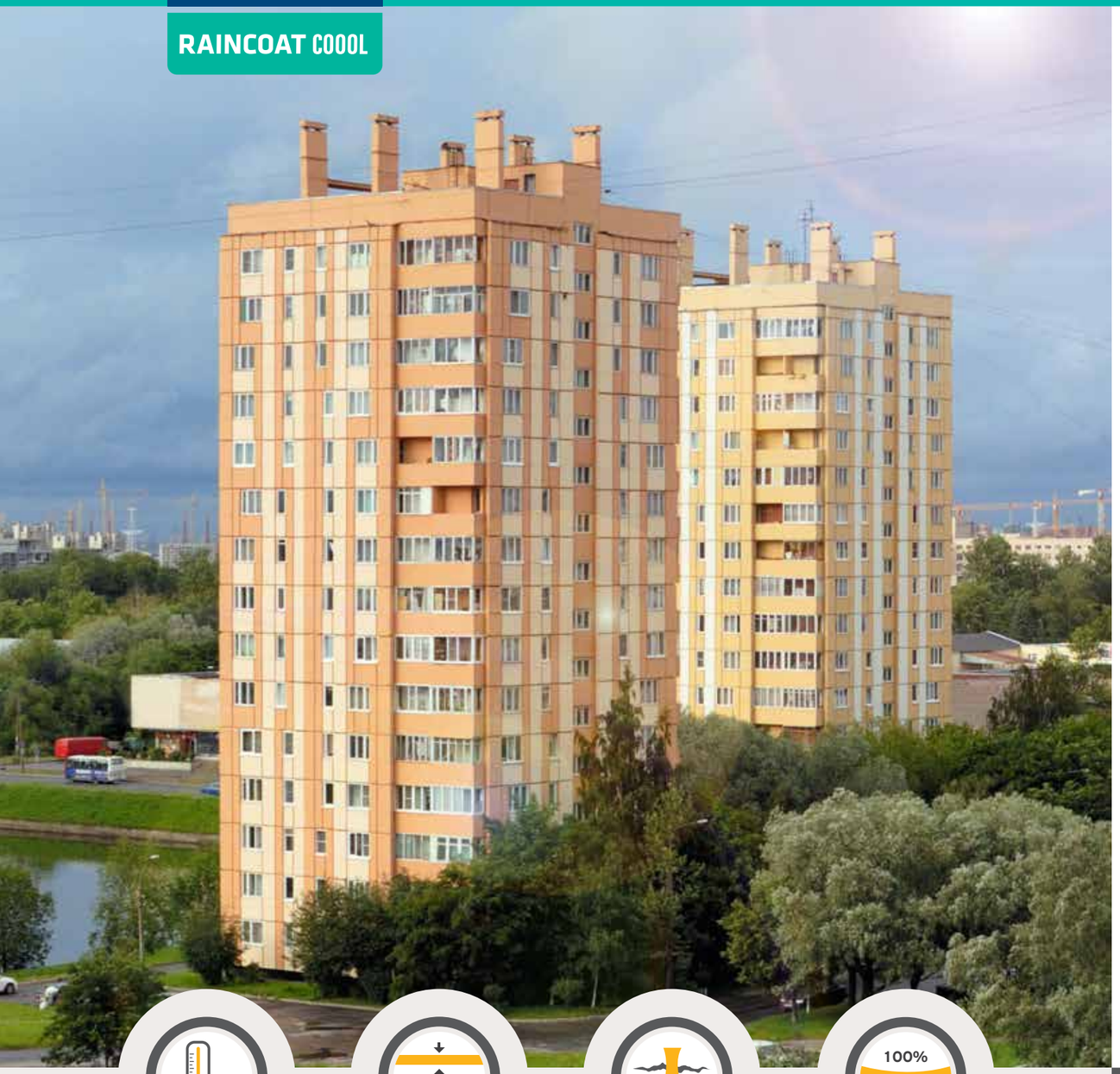
APEO free technology with Fluoropolymer as additive

*When used with Dr. Fixit Raincoat Waterproof Coating .

**When applied as per the recommended surface preparation & method of application.

DR. FIXIT®
WATERPROOFING EXPERT

RAINCOAT COOOL



RAINCOAT COOOL

THE ONLY INSULATING WATERPROOF EXTERIOR COATING

While Raincoat has been established as a Comprehensive Waterproof Exterior Coating, and has stood the test of time in all high rainfall areas of the country for over a decade, Dr. Fixit now introduces Raincoat COOOL an another 'One of Its Kind' exterior masonry cool coating for beautiful homes .

Its low VOC acrylic emulsion based exterior coating designed with excellent solar reflective properties which reflects maximum heat from the sunlight keeping surface temperature cooler up to 8 °C* .Due to this property it helps in keeping interior cool and saving energy for air-conditioning. Confirms to SS 500:2015 Singapore waterproofing standard

FEATURES	BENEFITS
Surface temperature difference of upto 8°C	Keeps you cool in hot summers and save electricity
SRI (Solar Reflective Index) Value of 111	Superior solar reflectance properties reduce the impact of high temperature on the coating, which results in longer life of the film
200 - 220 Microns Film Thickness	Protects your exterior walls
100% Elongation	Accommodates surface elongation / contraction
Better Crack Bridging ability	Does not let the ugly cracks show up
Superior Sheen	Enhances the beauty of your building, and makes the colours more vibrant
Anti-Carbonation Properties	For preserving the strength of your structure
Anti-Algae –Anti-Fungal	No ugly patches
No dilution	Ensures uniform film thickness
Available in pastel shades	

1st Coat	1 Coat of Raincoat Waterproof Coating	@ 35-40 sq. ft per ltr.
2nd Coat	1 Coat of Raincoat Coool	@ 65-70 sq. ft per ltr.

Heat Insulation upto 8°C

5x Film Thickness – 200 - 220 microns

Crack Bridging upto 1 mm

More than 100% elongation

8 UPTO 8°C COOLER

7 YEARS* WATERPROOFING WARRANTY

WATERPROOF & INSULATE

DR. FIXIT®
WATERPROOFING EXPERT

PRIMESEAL

PRIMESEAL

EFFLORESCENCE RESISTANT PENETRATIVE PRIMER

FEATURES	BENEFITS
Superior bonding	Provides adhesion to thick overcoats
Multi-purpose	Can be used on internal, external walls as well as Terrace
Alkali resistant	Makes it suitable for highly alkaline substrates
Penetrative	Makes your walls efflorescence resistant

1 coat	Primeseal	@	100 sq.ft per ltr.
50% dilution with water			

Alkali Resistant

Efflorescence Resistant

EFFLORESCENCE RESISTANT & PENETRATING

TERRACE

THE MOST IMPORTANT WALL OF THE BUILDING

WHY WATERPROOF TERRACE?

Terrace is the most important wall of a building, which is always exposed to the most harsh weather conditions and is often the biggest source of leakage in house. BrickBat Coba and other conventional roofing systems (like China Mosaic and IPS finish) are inelastic, and over a period of time develop cracks through which water finds its way and appears as a damp patch on your ceiling.

WHY COATING?

The conventional remedy to this problem is removing the existing system (by breaking it), and relaying the same after waterproofing the slab. This is time consuming, highly inconvenient and may damage the slab. A thick elastomeric Coating which is UV resistant, when applied on top of Brick Bat Coba / China Mosaic makes a film which is flexible enough to accommodate the movements in the surface and bridge the cracks that appear over a period of time, thereby enhancing the life of the structure and preventing ingress of water.

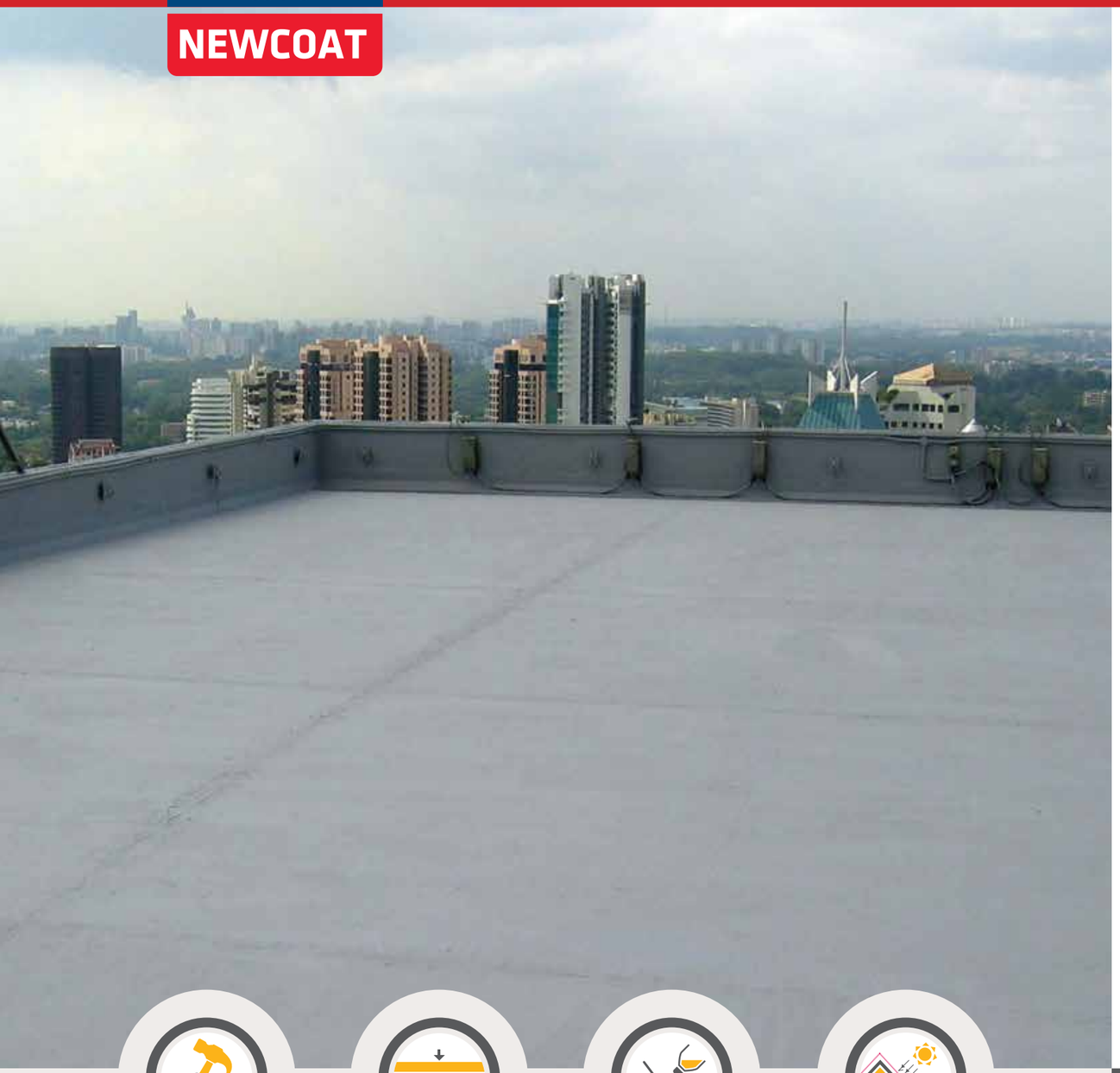
TERRACE - NEWCOAT SYSTEM

			
PRODUCT	**NEWCOAT EZEE**	**NEWCOAT**	**NEWCOAT COOOL**
FILM THICKNESS	600 microns	1000 microns	1000 microns
COAT SYSTEM	1 coat Primeseal + 2 coat New Coat Ezee	1 coat Primeseal + 3coat Newcoat	1 coat Primeseal + 2 coat Newcoat +1 coat Newcoat cool
COVERAGE*	12 sqft/ltr in 2 coats	7 sqft/ltr in 3 coats	7 sqft/ltr in 3 coats
WARRANTY*	**5 YEARS**	**7 YEARS**	**7 YEARS**
CRACK BRIDGING	upto 1 MM	upto 2 MM	upto 2 MM
SPECIAL	Reduces surface temperature upto 7^{0}C, Foot Trafficable	Foot trafficable	Reduces surface temperature upto 12^{0}C, Foot Trafficable

*Coverage can vary depending on surface

DR. FIXIT®
WATERPROOFING EXPERT

NEWCOAT



No Breaking | 1mm Flim Thickness | No Dilution | UV Resistant

NEWCOAT THE COMPREHENSIVE TERRACE WATERPROOF COATING

Conventionally, terrace waterproofing is done by either breaking the existing roofing system and relaying it, or coating the terrace with chemicals that are not UV resistant and thus cannot be left open. Newcoat is a 3-coat system that can easily be applied using a brush or roller to form a thick flexible coating to waterproof the terrace for years to come. The product has been successfully used across all markets on residential as well as commercial/ institutional buildings for more than a decade now.

FEATURES	BENEFITS
1 mm Film Thickness	Stops the ingress of water into slab
2 mm Crack Bridging ability	Accommodates the movements in slab
Available in 3 colours	Distinguishes between the 3 coats, ensuring quality control as well as helps in spotting the wear and tear of the coating
UV Resistant	Can be left open
Foot trafficable	Allows movement of people on the terrace
Lowest water absorption	Best waterproofing product available
No dilution	Ensures uniform film thickness

DOES NOT REQUIRE BREAKING OF EXISTING SUBSTRATE

1 priming coat	Primeseal	@ 100 sq.ft per ltr.
3 top coats	Newcoat	@ 1 ltr. per 20 sq.ft per coat

>10 YEARS. TRUSTED FOR MORE THAN A DECADE

7 YEARS* WATERPROOFING WARRANTY

WATERPROOF TOUGH TRAFFICABLE

DR. FIXIT®
WATERPROOFING EXPERT

NEWCOAT COOOL

NEWCOAT COOOL

HEAT INSULATING WATERPROOF TERRACE COATING SYSTEM

WHAT IF YOU HAD THE OPTION OF WATERPROOFING ALONG WITH INSULATING YOUR TERRACE AGAINST HEAT?

Dr. Fixit Newcoat Coool is a composite system of not just water-proofing but also providing heat insulation for building terraces. This system comprises of a primer coat of Primeseal followed by 2 coats of Newcoat and a top coat of Newcoat Coool. The system protects the terrace from not just the impact of incessant rains but also the scorching heat of summers.

FEATURES	BENEFITS
Surface Temperature Difference of upto 12°C	To keep you cool in hot summers and save Electricity. Because of its better solar reflectance properties the impact of high temperature on the Coating is low, which results in longer life of the film
UV Resistant	Not to be covered with a protective layer
Foot trafficable	Allows movement of people on Terrace
No breaking	Does not require breaking of existing system
No dilution	Ensures uniform film thickness
Anti Carbonation Properties	For preserving the strength of your structure

DOES NOT REQUIRE BREAKING OF EXISTING SUBSTRATE

1 priming coat	Primeseal	@ 100 sq.ft per ltr.
2 coats	Newcoat	@ 1 ltr. per 20 sq.ft per coat
1 top coat	Newcoat Coool	@ 1 ltr. per 20 sq.ft per coat

12 UPTO 12°C COOLER

7 YEARS* WATERPROOFING WARRANTY

HEAT INSULATION AND WATERPROOF COATING

No Breaking

1mm Flim Thickness

Heat Insulation upto 12°C

UV Resistant

DR. FIXIT®
WATERPROOFING EXPERT

NEWCOAT *Ezee*

NEWCOAT EZEE

ECONOMICAL WATERPROOF COATING FOR TERRACE

While exterior walls are painted at regular intervals, the terrace is usually ignored. Due to continuous exposure to sunlight or rainfall, the terrace slab undergoes a lot of thermal stress and develops cracks, which leads to seepage of water.

Dr. Fixit Newcoat Ezee is 100% acrylic elastomeric economical roof coating a formulated for superior weatherability and durability. Used as protective waterproof coating for terrace as component of reinforced membrane systems. Its reflective white color lowers roof surface temperatures which can help reduce cooling costs.

FEATURES	BENEFITS
Better UV resistance	Prevents yellowing of the film even after continued exposure to the Sun
Lower Water absorption	Gives better water-proofing compared to other waterproof coatings
Better Wet Scrub resistance	Prevents wear and tear of film due to foot traffic
600 Microns Flim Thickness	Stops the ingress of water into slab
1mm Crack Bridging ability	Accommodates the movements in slab
UV Resistant	Does not need to be covered with a protective layer
Foot trafficable	Allows movement of people on the terrace
No dilution	Ensures uniform film thickness
Does not require breaking of existing system	

1 priming coat	Primeseal	@	100 sq.ft per ltr.
2 top coats	Newcoat Ezee	@	25 sq.ft per ltr. per coat

7 UPTO 7°C COOLER

5 YEARS WATERPROOFING WARRANTY

ELASTOMERIC ECONOMICAL ROOF COATING

No Breaking

600 Microns Flim Thickness

No Dilution

UV Resistant

STRUCTURAL REPAIR-

ONE STOP SOLUTION - 5 STEP - 5 PRODUCTS

1. Rust Remover
2. Zink rich primer
3. Micro - concrete
4. Polymer mortar HB
5. Fairing Mortar

ONE STOP SOLUTION FOR ALL REPAIR NEEDS

1 RUST REMOVER

- Corrosion in bars can lead to deterioration of concrete.
- Dr. Fixit Rust remover is a Chloride-free additive which effectively removes rust from the steel surface used before application of any protective coating.

2 ZINC RICH PRIMER

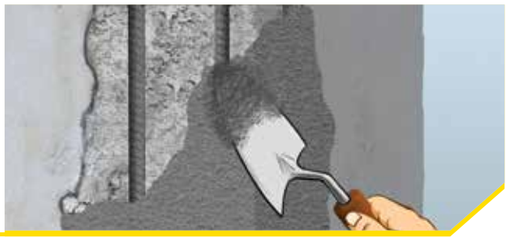
- After removing rust from the re-bars, it is imperative that it is protected from getting rusted again.
- Dr. Fixit Zinc-Rich primer, is a single component zinc based epoxy coating which gives galvanic protection to the rbars.

3 MICRO - CONCRETE

- Severely damaged RCC members such as beams /columns/slabs cannot be repaired by regular concrete due to lack of access to affected area.
- Dr. Fixit Micro concrete is a high-strength structural grade, non-Shrink , free-flowing repair mortar which can repair damaged RCC members effectively.

4 POLYMER MORTAR HB

- Polymer modified mortar (PMM) preparation on site has no uniform quality
- Polymer Mortar HB is single component ready to use high strength structural grade repair mortar. It repairs surface damaged concrete; bonds excellent with steel & concrete.



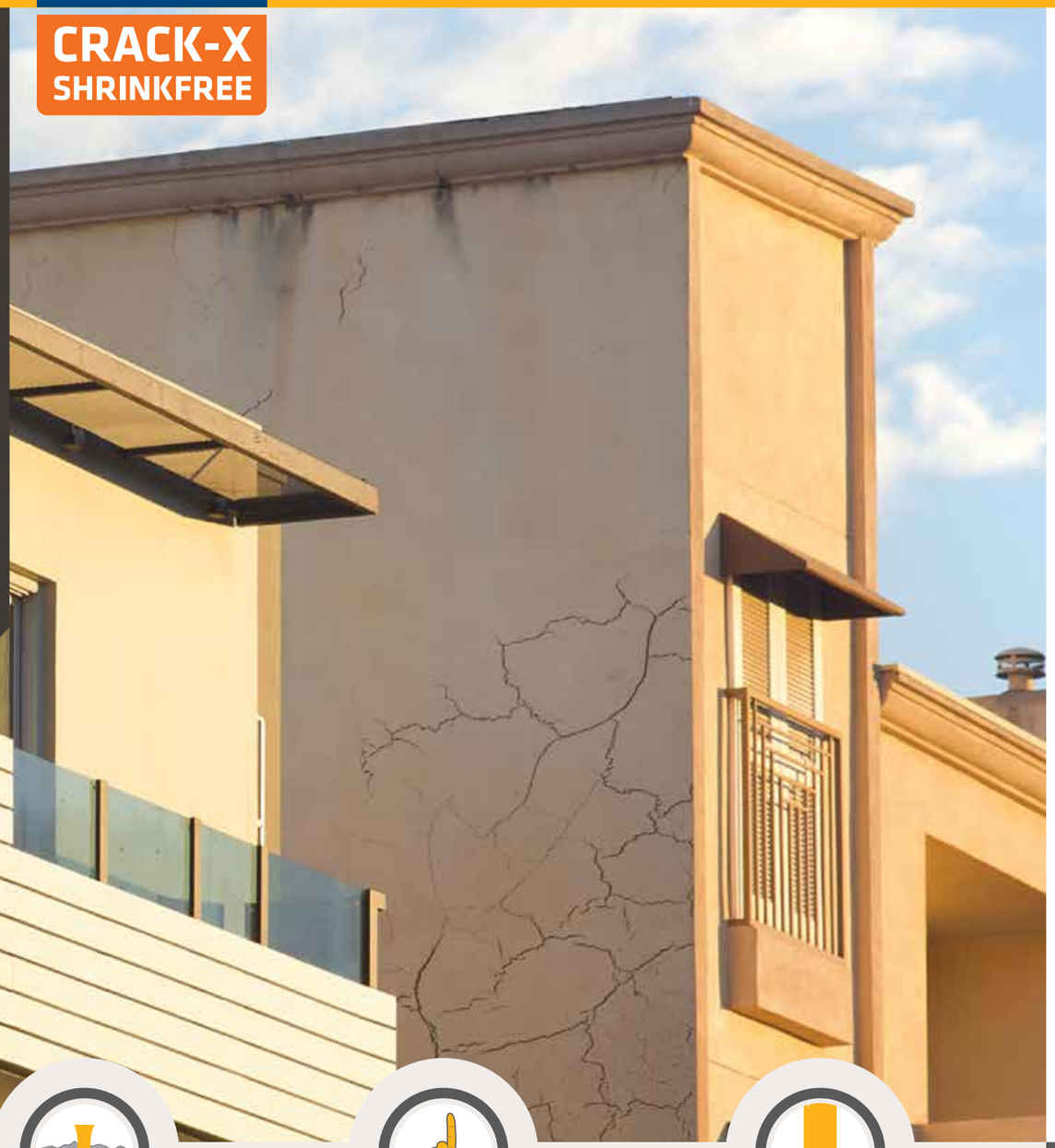
5 FAIRING MORTAR

- After concrete repair, surface finishing is done with ordinary putty or POP which are not water resistant
- Fairing mortar is a water resistant surface finishing mortar giving smooth surface essential for painting.

DR. FIXIT®
WATERPROOFING EXPERT

CRACK-X
SHRINKFREE

CRACK FILLING



10mm

Used for
10mm Crack

One Time
Application

Better
Finish

CRACK FILLING

THE BEST CRACK-FILLING RANGE

Dr.Fixit Crack-X is a range of crack filling solutions for interior and exterior plastered surface.
Conventionally, cracks are filled with white cement / putty but they have certain disadvantages:

- Cracks Reappear - as putty is not a flexible material, so after drying it cannot sustain movements in cracks
- Water Leakage from Cracks – white cement / putty does not waterproof the cracks

Products under Dr.Fixit Crack-X range not only prevents cracks from reappearing but also help in stopping leakage from those cracks.

CRACK-X PASTE

Better than the best

FEATURES	BENEFITS
Less shrinkage	Better Hiding gives better finish
Crack bridging	Fills up to 5mm cracks
Faster drying	Dry first coat in 4-6 hrs

CRACK-X SHRINKFREE

One of its kind

FEATURES	BENEFITS
Non-shrink	Best hiding that any crack filler can give
One time application	Saves on time & labor cost
Excellent crack bridging ability	Fills up to 10 mm cracks

10 mm BRIDGES UPTO 10 mm CRACKS

1 NON SHRINK ONE TIME APPLICATION

READY TO USE CRACK FILLER

BUILDING REPAIR

DR. FIXIT®
WATERPROOFING EXPERT
PIDICRETE® URP

Enhances Strength & Water Resistance

Bonding New to Old Concrete

Prevent Cracks Reapperance

PIDICRETE URP

UNIVERSAL REPAIR AND WATERPROOFING

WHY REPAIR THE STRUCTURE?

Unrepaired buildings look bad in appearance. That's not all. The life of the structure is also drastically reduced if buildings are not repaired in time. Ingress of moisture leads to deterioration of the structure by corrosion, expansion etc. eventually causing failure and collapse. Therefore, it is important to maintain the structure and keep repairing on time.

Repairing with conventional sand cement mortar causes the damage area to reappear during the course of time due to shrinkage. Dr.Fixit Pidicrete URP is one such product which resists shrinkage and gives excellent bonding, thereby increasing the life of structure and helping in maintaining aesthetics as well.

FEATURES	BENEFITS
Multipurpose	Can be used for any kind of general plaster & concrete repair
Enhanced bonding	Helps in bonding the repaired surface strongly with the existing surface
Increased Strength	Increases the load bearing capacity of the repaired surface
Prevent Cracks	Prevents cracks from reappearing on the repaired surface

AREAS OF APPLICATION

- All type of general plaster & concrete repair
- De-bonding of plaster in chajja & balcony
- Column & beam cracks
- Terrace – Parapet & cracks
- Plaster cracks (>10mm)

UNIVERSAL REPAIR SOLUTION

WARRANTY

HOW TO AVAIL FOR THE WARRANTY?

All warranties are logged in Dr. Fixit Advice Centre toll free number 1800 209 5502.To avail the warranty for Dr. Fixit Raincoat & Newcoat range, you can call on Advice centre helpline number and request for warranty registration. You can also directly contact our local sales representative with the help of your dealer.

SERVICES

DR. FIXIT® WATERPROOFING EXPERT

ADVICE CENTRE

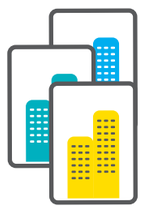
1800 209 5504

Dr. Fixit Advice Centre @1800 209 5504

Dr. Fixit Advice Centre is a one-stop solution for all kinds of water-proofing needs. Customers from across the country can register their enquiries on this number. Our trained applicators as well as company representatives will visit the site within 2 working days of receiving the enquiry.

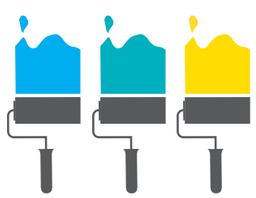
Site Inspection

Every building has a unique architecture and structural design. There is no 'one size fits all' solution for all the diverse structures present across the country. Also every customer has a specific requirement which cannot be addressed without visiting the site. Dr. Fixit waterproofing experts visit a site to inspect the problem area before recommending a solution. To ensure quality control, our experts also visit the site during and after the completion of work and make recommendations, wherever necessary.



Free Raincoat Preview Services

Dr. Fixit offers preview services for buildings to enable its customers to choose from a wide range of shades available. For every site, the customer can preview the building in three schemes (combination of shades) of his choice and one recommended by the experts at our Preview Desk.



Raincoat Sampling Services

We encourage our customers to feel the product before taking a decision. Sampling services enable the customer to objectively analyze the product performance, and be completely satisfied before deciding.

DR. FIXIT®
WATERPROOFING EXPERT

WATERPROOFING KA DOCTOR

ASK FOR A FREE SITE TRIAL

A **Dr. Fixit** representative will organise the patch trial application of Dr. Fixit Raincoat on your building, to help you choose the right shade combination and illustrate the sheen and smoothness of the coating, as compared to other exterior paints.

Go ahead, enjoy the dual benefit of waterproofing & aesthetics.

PROPERTY	RAINCOAT CLASSIC	+ RAINCOAT SELECT
Waterproofing Warranty	7 Years	10 Years
Shades Available	**1000+ Shades**	
Application*	**2 Coat System**: 1 Coat Raincoat Waterproof Coating**	
	+ 1 Coat Raincoat Classic / Select	
Coverage	70 sqft / L / Coat	
Dry Film Thickness	160 - 180 Microns***	180 - 210 Microns***
Elongation	Min 100%	More than 100%

*For New / Fresh Sites: use Dr. Fixit Primeseal [External Primer] as the First Coat with a coverage of 100 sqft / L / Coat.

**Raincoat Waterproof Coating is a Basecoat with a coverage of 50 sqft / L / Coat assuring 5 years of waterproofing. Coverage: 50 sqft / L / Coat.

***Along with Raincoat Waterproof Coating as a Basecoat [1 coat]

Available Packs:

1, 4, 10 & 20 litre

Pidilite Industries Ltd.
Construction Chemicals Division, Ramkrishna Mandir Road, Post Box No. 17411, Andheri (E) Mumbai 400059 INDIA
Tel +91-22-2835 7000 **Fax** +91-22-2835 7008

1800 209 5504 | info.drfixit@pidilite.com | www.drfixit.co.in

ADVANTAGES

- High sheen for enhanced aesthetics
- 5x Film Thickness – 180 - 210 microns Protects your external walls
- Low dirt pick up for long lasting finish
- Crack Bridging upto 2 mm

ADVANTAGES

- Excellent Anti-algal and anti-fungal performance
- 4x Film Thickness – 160 - 180 microns Protects your external walls
- UV resistant for excellent colour retention performance
- Crack Bridging upto 2 mm

DR. FIXIT®
WATERPROOFING EXPERT

RAINCOAT PREVIEW

OPEN TO VIEW YOUR BUILDING IN YOUR FAVOURITE COLOURS

Pidilite

DR. FIXIT®
RAINCOAT
THE EXTERIOR WALL WATERPROOFING EXPERT

LONG LASTING EXTERIOR WATERPROOFING COATINGS

Gold & Amber

Peel Yellow QC0012
White Asparagus QC0016
Spring Yellow QC0024
Earth Yellow QC0033
Yellow Pendant QC0042
Gentle Yellow QC0064
Woven Slats QC0071
Golden Dome QC0081
Amber White QC0097
Yellow Begonia QC0103
Dazzle Yellow QC0111
Potentilla QC0113
Desert Fire QC0152
Sun Drenched QC0183
Pearly Gates QC0187
Golden Laughter QC0192
Delicate Peach QC0214
Apricot Flower QC0242
Weak Tea QC0255
Autumn Blaze QC0262
Peach Whisper QC0306
Glazed Carrot QC0312
Autumn White QC0317
Titan Orange QC0333

Amethyst & Sapphire

Rose Velvet QC0462
Pink Tiara QC0466
Verbena QC0473
Parasol QC0486
Purple Comet QC0491
Plum Sparkle QC0493
Wild Iris QC0502
Phlox Petal QC0506
Dawn Glow QC0516
Ruling Royalty QC0522
Demure QC0527
Misty Lilac QC0536
May Iris QC0576
Purple Edge QC0542
Prince QC0562
Airy QC0587
Blue Print C0602
Blue Lullaby QC0614
Chimes QC0657
Navy Wool QC0661
Symphony Blue QC0662
Blue Drop QC0686
Dark Sea QC0702
Deep Teal QC0811

Ruby & Emerald

Peach Velvet QC0323
Mineral Red QC0342
War Dance QC0371
Spice Beige QC0395
Pagoda Red QC0402
Zinnia Scent QC0425
Japonica QC0432
Rose Shade QC0447
Sea Foam QC0826
Spring Splash QC0854
Swirl Green QC0863
Cool White QC0867
Golf Green QC0871
Green Fortune QC0881
Party Mint QC0895
Courtyard Green QC0911
Flowing Green QC0917
Grasslands QC0981
New Holly QC1001
Lime Mist QC1006
Hidden Green QC1017
Bitter Root QC1032
Florida Palm QC1041
Billiard QC1061

Earth

Pixie Green QC1025
Primeval QC1035
Bleached Turf QC1046
Golden Grain QC1081
Moss Print QC1054
Sand Light QC1067
Sun Straw QC1075
Apple Wood QC1093
Field Oak QC1101
Oak Parquet QC1102
Basket Beige QC1106
Friar Tuck QC1111
Flax QC1115
Firewood QC1142
Ceramic Beige QC1143
Harvest Tan QC1172
Footprint QC1195
Terra Earth QC1203
Really Rust QC1231
Frontier Shadow QC1284
Gray Mood QC1342
Pepper QC1344
Jet Black QC1361
Stoker Gray QC1381

Kyanite & Onyx

Paris Night QC0561
Legendary Blue QC0611
London Dawn QC0647
Gray Duck QC0664
Blue Spell QC0715
Juniper Hedge QC0814
Alabaster QC1367
Silhouette Gray QC1371
Gray Mystic QC1384
Mortar Gray QC1395
Ranch Milk QC1401
Mole QC1403
Grey Beige QC1405
Briny Deep QC1411
Gardenia QC1417
Dark Shadow QC1421
Glad Stone QC1422
Mariner's Gray QC1423
New Wave Gray QC1425
Chocolate Chip QC1431
Rocky Nook QC1432
Gray Stone QC1433
Beeswax QC1435
Windmill White QC1436

DR. FIXIT® WATERPROOFING EXPERT

Pidilite

RAINCOAT RANGE SHADES

COMBINATION SHADES

Amber White QC0097
Yellow Begonia QC0103

Phlox Petal QC0506
Plum Sparkle QC0493

Chimes QC0657
Blue Print QC0602

Cool White QC0867
Green Fortune QC0881

Sun Straw QC1075
Friar Tuck QC1111

Mortar Gray QC1395
Briny Deep QC1411

Also available in Black & White

Shades are shown for indication purpose only.

3.7 X 8 INCH EACH (FULL 22.2 X 8 INCH)

ctc on 22 July 2020