



Araldite®

Product Brochure

OUR BRAND

Araldite is a trustworthy name in the Epoxy Adhesives Range. Araldite Adhesives was originally launched in 1946 in Switzerland. Since then, the brand has travelled a long journey, and its DIY range was acquired by Pidilite in 2020.

We have a wide range of products under the Araldite umbrella catering to varied fixing needs of stone, wood, ceramics, tiles, rubber, magnet. Araldite stands for its versatile nature and ability to fix anything to anything.

Across a wide range of applications spanning from heavy duty usages in stone fixing, wood working to small repairs in auto, bangle making, imitation jewelry - our products have gained a unique reputation for being resilient. The drive to constantly push the boundaries of limitations is a cornerstone of our culture here at Araldite®. When you use Araldite®, you become a part of that culture: a culture of innovation.



ARALDITE STANDARD

The Heavyweight Adhesive

The high bond strength adhesive for a wide variety of substrates.

Araldite® Standard is a two component epoxy adhesive used to bond a variety of substrates. It is suitable for bonding a wide variety of metals, stone, wood, glass, ceramic, rubber, dry concrete, asbestos, cement & bison board, fabric, leather & most rigid plastics.



Key Features



High bond strength of 120 kg / sq.cm and load bearing capacity of 470+ Kg



Highest coverage of 120 sq.ft. / 1.8 kg set



Easy to mix



Heat & Chemical Resistant

Other Features

- Compatible with Multiple Substrates
- Waterproof
- Highly Durable
- Pot life - 45 to 50 Mins
- Setting time - 6 to 7 Hrs
- Mixing Ratio by volume 1 : 1
- Color: Pale Yellow

Application Areas



Door & Window framing



Kitchen platform



Staircases & its Metal railings



Vertical cladding of Stones



Wooden furniture



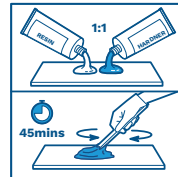
Industries like sports goods, speaker etc.

Available in: 5g, 9g, 13g, 36g, 90g, 180g, 270g, 450g, 700g, 1.08kg, 1.8kg, 3.6kg, 5.4kg, 9kg

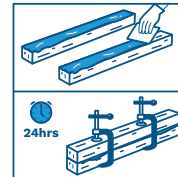
How to apply



Roughen, degrease & dry surfaces to be bonded



Mix equal Volume of Resin & Hardener; Use the mix within 45 minutes



Apply thin layer on both surfaces and clamp joint overnight

Comparison with Competition

Superior Coverage	1.8 kg Pack	Coverage per 1.8 kg (sq ft)	MRP(₹)	Coverage per kg (sq ft)	Cost per kg (₹)	Cost per sq. ft. (₹)
Araldite Standard		120	1625.00	66.67	902.78	13.54
Competition B		80	1,200.00	44	667.00	15.00

STANDARD VS Competition



6.45 MPa
218-250 kg bond strength

14.16 MPa
437-500 kg bond strength

Araldite Klear 5

Kwik bhi, Klear bhi

Fast & Clear epoxy for application on wide variety of substrates

Araldite® Klear 5 is a two component, rapid curing transparent epoxy used to bond a variety of substrates.

It is suitable for bonding a wide variety of Glass, metals, Stone, Wood, Ceramic, Rubber, Dry Concrete, Asbestos, Cement & Bison board, Fabric, Leather & most rigid Plastics.



Key Features



5 Mins Fast Setting



Transparent glue line



Compatible with Multiple Substrates



Odourless

Other Features

- Bond Strength of Klear 5 with
 - Metals - 112 kg/cm²
 - Glass - 71 kg/cm²
- Load Bearing Capacity - 357 kg
- Pot life - 2 to 3 Mins
- Mixing Ratio by volume 1 : 1

Application Areas



Edge banding of kitchen platforms



Shelves



Artificial jewelry



Name plates on walls

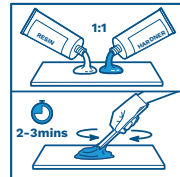


Available in: 5g, 10g, 26g, 90g, 180g, 270g, 450g, 1.08kg

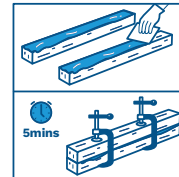
How to apply



Roughen, degrease & dry surfaces to be bonded



Mix equal Volume of Resin & Hardener; Use the mix within 2 to 3 minutes



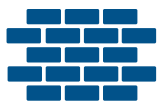
Apply thin layer on both surfaces and clamp joint for 5 minutes

Klear 5

VS

Competition

HIGHER COVERAGE



LOWER COVERAGE



25% MORE BOND STRENGTH



LESS BOND STRENGTH



100% CLEAR



HAZY



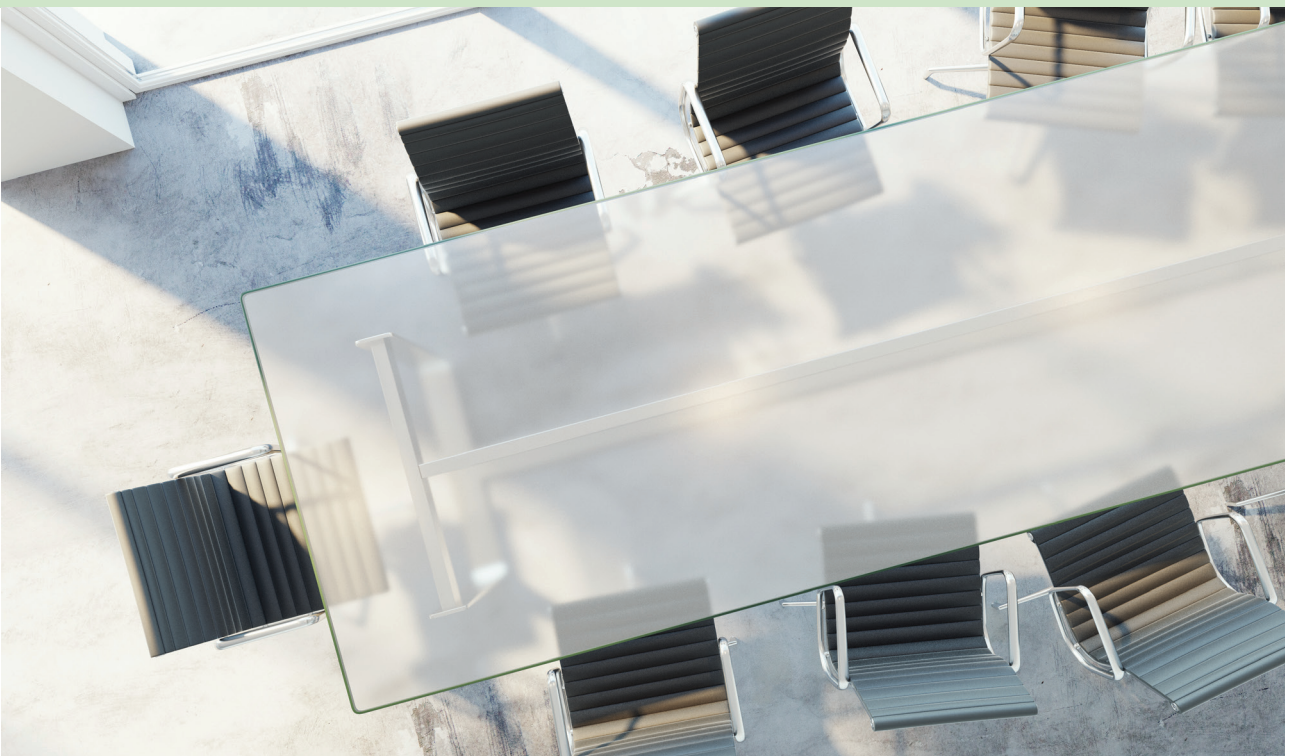
Araldite Klear 120

Crystal clear for years to come

Clear epoxy for applications requiring best-in-class clarity on large substrates.

Araldite® Klear 120 is a transparent epoxy adhesive suited for bigger bonding applications that demand good clarity & aesthetics.

It is suitable for bonding a wide variety of Glass, Stone, Wood, Metal, Ceramic, Rubber, Dry Concrete, Asbestos, Cement & Bison board, Fabric, Leather & most rigid Plastics.



Key Features



Crystal Clear



Adequate handling time of 30 to 35 Mins for large applications



High UV Resistance



Odourless

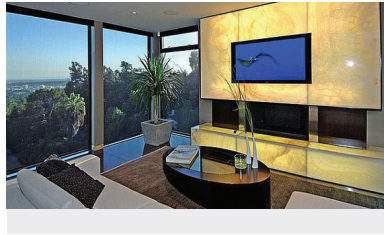
Other Features

- Bond Strength of 142 kg/sqcm
- Load Bearing Capacity - 437 kg after 24 hrs
- Pot life - 30 to 35 Mins
- Setting Time - 2 hrs
- Coverage - 100 to 110 sqft / 1.8 kg set (0.4 to 0.5 mm adhesive thickness)
- Mixing Ratio by volume 1 : 1

Application Areas



Large glass furniture



Large white marble fixtures



Glass Panels



Glass Fitouts

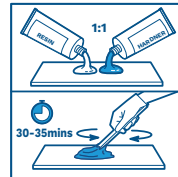


Available in: 1.8 kg

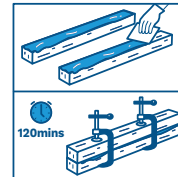
How to apply



Roughen, degrease & dry surfaces to be bonded



Mix equal Volume of Resin & Hardener; Use the mix within 30 to 35 minutes



Apply thin layer on both surfaces and clamp joint for 120 minutes

Klear 120

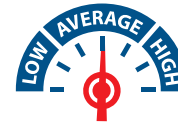
VS

Competition

MORE BOND STRENGTH



LESS BOND STRENGTH



100% CLEAR



HAZY



Araldite Klear 20

Na sookhne ka darr, lagaiye befikar

Fast & Clear Epoxy for application on larger surface areas

Araldite® Klear 20 is a Fast & Clear Epoxy for application in larger surface areas.

It is suitable for bonding a variety of Glass, Stone, Wood, Metal, Ceramic, Rubber, Dry Concrete, Asbestos, Cement & Bison board, Fabric, Leather & most rigid Plastics.



Key Features



Ideal Pot life of 10 to 15 minutes giving the user enough time to work on medium to large surfaces.



Setting time of 20 mins leading to time saving and faster completion of work



High Clarity



Multi-Substrate



High bond strength

Other Features

- Bond Strength (LSS) - > 100 kg/ sq.cm
- Load bearing Capacity - 290-300 kg
- Pot life - 10 to 15 Mins
- Coverage - 100 to 110 sqft. /1.8 kg set (with 0.4 to 0.5mm Adhesive thickness)
- Mixing Ratio by vol. 1 : 1

Application Areas



Kitchen Platform



Marble Shelves



Glass Furniture



Staircase

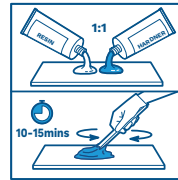


Available in: 250g, 450g, 1kg, 2kg

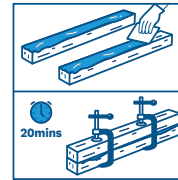
How to apply



Roughen, degrease & dry surfaces to be bonded



Mix equal Volume of Resin & Hardener; Use the mix within 10 to 15 minutes



Apply thin layer on both surfaces and clamp joint for 20 minutes

Araldite KladX

Jaldi se mazboot jod

Fast-setting adhesive for heavy duty stone cladding using spot bonding

Araldite® Builder Klad-X is a two-component room temperature curing epoxy adhesive for Construction Applications



Key Features



Easy to apply through Spot Bonding



Fast Setting within 30 to 40 mins allowing quick removal of support



10X stronger than concrete



Underwater curing



Compatible with Multiple Substrates

Other Features

- Bond Strength (LSS) - > 100 kg/ sq.cm
- Load bearing Capacity - 500 to 750 kg
- Pot life - 10 to 12 Mins
- **Coverage**
 - 100 sq. ft./1.5 kg set in spot bonding covering with blobs of 3 mm thickness.
 - 9 to 10 Sq. ft. with bed thickness of 1 mm.
- Mixing Ratio by volume of Resin & Hardener is 2 : 1

Application Areas



Cladding applications



Overhead applications



Lift Lobby



Low contact surface area application

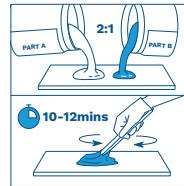


Available in: 300 g, 1,5 kg

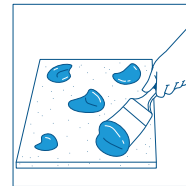
How to apply



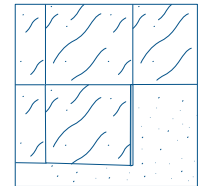
Ensure that the marble / granite slab and wall are smooth, even and dust free



Mix Part A and B in 2:1 ratio by volume and use within 10 to 12 minutes



Apply a thick blob of the mixture at corners and centre or apply a thin layer evenly on entire surface of slab



Stick the slab to the dry surface and provide support for 30 to 40 minutes

SANDX

For Superior Surface Finish

Best in class Abrasive Paper roll for Multi-Material substrate suitable for hand and machine sanding.

Suitable for sanding hard wood, soft wood, plywood, MDF, Veneer, Wall and Metal.



Key Features



Double Coverage than cloth backed rolls



Finer Finish



Longer Life

Other Features

Hard Paper Backing:

- Does not Stretch and less heat transfer like Cloth backed rolls.

Special Coating on Paper:t

- Anti-static Coating which results in Anti-clogging and longer life to abrasive grain.

Application Areas

Araldite SandX Paper Roll is suitable for Coarse Sanding

Application on Wood:

- Depending on Wood Surface we can start the sanding from Grit P40 to P320.
- Rough Surfaces [deep troughs] may require sanding from P40 : P60 : P80 : P120 : P180 : P320
- This process will give excellent uniform surface, on which primer can be applied
- Freshly sawed hard Wood P80 / P120 : P180 : P320

Application- Decoratives

- Filler Sanding of Walls & ceiling before painting and decorating - P120
- Walls Ceilings after painting - P120 > P180

Application - Doors, Windows and Furniture

- Intermediate sanding - P120 - P180
- Paint removal - P80

Application - Metal

- Metal De-Rusting- P80 to P120



Available in: 100 mm, 50 m (60, 80, 100, 120 grit size),
100 mm, 25 m (180, 220, 320 grit size),
75 mm, 50 m (60, 80, 100 grit size)

Comparison with Competition

Test Conditions	Wheel Type	Both left & Right wheels mounted with emery paper under test
	Load	1 kg
	No of Cycles	1000
	Substrate Abraded	Mild Steel panel

Test Results	Sand-x	Competition A	Competition B	Competition C
Grits Size	80	80	80	80
Type of Backing	Paper	Cloth	Cloth	Cloth
Material Loss on Mild Steel Panel (mg)	625.1 mg	555.1 mg	235.6 mg	329.4 mg
Material Loss on Abrasive Product (mg)	71.9 mg	138.6 mg	140.1 mg	120.3 mg

Above tests show that SandX provides better stock removal with minimum loss of abrasive paper