



Packing
1.8 kg | 900 gm. | 450 gm.

SOLTITE

Epoxy Adhesive for Granite and Marble Applications.

DESCRIPTION :

SOLTITE Resin is a modified epoxy resin. SOLTITE Hardener is suitable to cure epoxy resin at ambient temperature. It is also suitable for bonding a variety of materials including metal, ceramic, and concrete where relatively high strengths are required.

ADVANTAGES

- High shear and peel strength
- Good electrical insulation properties
- Long working time
- Long open time
- Easy to apply
- Water resistance

APPLICATION

- Granite
- Marble
- The mixed mass is applied by brush or spatula on the surface to be adhered. The mix must be used within its pot-life.

SURFACE PREPARATION

The adherents must be thoroughly degreased with a good degreasing solvent (e.g. toluene, acetone trichloroethylene) and abraded with coarse emery paper or chemically etched. Inadequately pre-treated substrates may not bond satisfactorily.

Guideline for Usage

- Roughen, degrease and dry surface to be bonded
- Mix equal volume of Resin and Hardener By Volume (Resin : Hardener = 1:1) By Weight (Resin : Hardener = 1: 0.8) Mix thoroughly to make uniform mixture
- Apply thin layer of mixture on both surface
- Clamp the joint and allow it to set overnight

CURING

Curing normally takes place at room temperature within about 24 hours depending on the ambient temperature but may be accelerated by the application of heat.

SHELF LIFE & STORAGE

SOLTITE should be stored in a cool and dry place, preferably in the sealed container and should not be exposed to direct sunlight. This product has a shelf-life of 2 years, if stored in its original container between 2°C and 40°C away from humidity and excessive heat.

HEALTH & SAFETY PRECAUTIONS

- Use rubber hand gloves, nose mask & safety goggles, while using SOLTITE.
- In case of contact with skin, wash with plenty of water and seek medical advice.
- Keep out of reach of children

TECHNICAL INFORMATION

SOLTITE RESIN

Description	Visual	Clear transparent liquid
Colour	ASTM D 1544	MAX 1 G
Viscosity @25°C	ASTM D 2196-05	25000 – 35000
Density @25°C	ASTM 1475 – 98	1.01 – 1.1

SOLTITE HARDENER

Description	Visual	Greyish black paste
Colour	ASTM D 1544	Max 8
Viscosity @25°C	ASTM D 2196-05	25000 – 35000
Density @25°C	ASTM 1475 – 98	0.92 – 0.98

PROCESS PARAMETERS

Mixing ratio resin : hardener	w/w	100 : 80
Pot life	Minutes	35 – 45
Mix viscosity @25°C	ASTM D 2196 – 05	25000 – 35000
Surface dry of thin film @25°C	Minutes	60 – 90
Touch dry of thin film @25°C	Minutes	150 – 180
Hard dry of Thin film @25°C	Minutes	250 – 400
Tensile shear strength, after 24 hours @27°C	Kg/Sq.cm	90 – 120



Plot No. 32, Shraddha Industrial Estate-2,
Near Cefone Ceramic, At. Pipli Village,
Morbi-363 642 (Gujarat) INDIA.



www.solcon.co.in



kmk@solcon.co.in



+91 90818 19280

DISCLAIMER : The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.