

EPOXY HIGH PERFORMANCE STRUCTURAL ADHESIVE

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DESCRIPTION:

x'traseal® EPOXY HIGH PERFORMANCE STRUCTURAL ADHESIVE is special formulated epoxy adhesive that contains nano-particles which provide better surface wetting and penetration. It also provides a cleaner and lean workflow that it can be applied on vertical and horizontal surface without any dipping and slumping. After cured, it forms a sturdy and tough adhesive with high mechanical strength and excellent chemical resistance. It is very useful for industries maintenance, workshops, marine, automotive, and construction.

FEATURES:

- ◆ Non shrinkage.
- ◆ Multi-purpose adhesive.
- ◆ Easy to use, one to one mixing ratio.
- ◆ Strong bonding strength when hardened.
- ◆ Water, solvent, acid and alkaline resistance.
- ◆ Can be sanded, filed, drilled, tapped or threaded when hardened.

USES:

- ◆ Tile & stone dry fixing.
- ◆ Concrete patching and repairing.
- ◆ Adhesive for joining wood joints.
- ◆ Adhesive for bonding decorative on concrete.
- ◆ Permanent repair: Seal leaks, holes, and cracks.
- ◆ Suitable Substrates: Metal, fiberglass, wood, concrete, ceramics and some plastic materials.

NOT RECOMMENDED FOR:

PE, PP and PTFE material.

APPLICATION:

- ◆ Make sure the surface to be applied is free from dust, grease and oil.
- ◆ Scoop out equal part of resin and hardener out of the can.
- ◆ Mix homogenously until mixture gets uniform color.
- ◆ Apply it on clean surface before the adhesive start to gel.
- ◆ For best adhesion roughen the surface.
- ◆ Replace cap after use and store in cool, dry place.

WE RECOMMEND PRELIMINARY COMPATIBILITY TESTS PRIOR TO APPLICATION TO ACHIEVE DESIRABLE RESULTS

SPECIFICATION:

Color, Resin Hardener	White Yellow
Specific gravity, Resin Hardener	1.80±0.05 g/ml 1.75±0.05 g/ml
Viscosity, Resin Hardener	500±50K cps 350±35K cps
Mixing ratio, A:B	1:1
Appearance	Thixotropic paste
Working Life (Minutes at 25°C)	30 - 60
Curing time (Hours at 25°C)	24
Hardness (Shore D)	Minimum 80
Temperature limits	15°C to 150°C
Nonvolatile Content	100%
Tensile Strength (kg/cm ²)	Minimum 140
Shelf Life	24 Months ⁽¹⁾

STORAGE:

⁽¹⁾Shelf life is subjected to change due to the type of packaging used and the condition of the environment. Material should be stored in a dry and cool place between +5°C to +30°C.

Due to pressure and day/night temperature variation during transportation and storage, there might be liquid/solid separation observed. Once it's happened, mix the separated part thoroughly until it's properly mixed. It has no impact on the properties of product. After mixing, use the product by following the instruction given.

CAUTION:

Normally, while mixing by hand it does not cause any skin irritation, but in some cases with sensitive skins, it may cause irritation or sensitization. In such cases, wash the hands with plenty of water and soap and use hand gloves for application.

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