POLY EPOXY GEL

EPOXY ADHESIVE

DESCRIPTION

Poly Epoxy Gel is a high performance two part epoxy adhesive.

- Superior mechanical strength
- Thermal resistant
- Seal concrete cracks
- Water resistance
- Gaps filling and excellent bonding strength to wood, concrete, fibreglass, glass, ceramic, marble, metal, many plastics and other surfaces.
- New concept for maintenance for industrial & household application
- Extensively used in marine-timber and fibre boat manufacturing & maintenance.
- Special formulate for Wood working and Construction industries.

TECHNICAL DATA

Part A	Epoxy Binder (white colour)
Part B	Hardener (amber colour)
Viscosity	Paste
Mix Ratio A:B (By Volume)	2 : 1
Pot Life (TECAM) 250gm @ 20ºC	30 minutes
Cure Time @ 20 - 25ºC	24 hours
Specific Gravity	1.1 – 1.2 g/cm³

PHYSICAL PROPERTIES

TENSILE SHEAR STRENGTH (DIN 53283)

Material	Hardening	Test Temperature	N/mm²
Steel	4 hours	20ºC	12
Steel	8 hours	20ºC	26
Steel	24 hours	20ºC	32

PEEL STRENGTH (DIN 53282)

Material	Hardening	Test Temperature	N/mm²
Steel, Pickled	24 hours	20ºC	6-10

SURFACE PREPARATION

All surfaces should be dried, cleaned and free from all contaminants.

APPLICATION GUIDELINES

Mix thoroughly until even colour and homogenous mixture is achieved

Tools : Spatula, Putty Knife or Trowel, Brush, Roller & Cartridge Dispensing System are suitable

NOTE : **DO NOT mix more than 500gm** at a time as the pot life will be shortened, caused by generation of Exothermal.

To speed up the curing time, heat up the assembly after application.

Cleaning

Clean all equipment immediately after used

Thinner

Do not add thinner or water to the mixture.

PACKING

METAL Can : 1 kg/ set

STORAGE

6 months when stored in a well-sealed container.

HEALTH & SAFETY

Poly Epoxy Gel contains epoxy resins. Handle with care & use disposable rubber gloves during works. Wash hands thoroughly with soap and water after use. Keep away from children. Harmful if taken internally.

POLY-EPOXY GEL : 1kg/set

POLY-EPOXY GEL : Finished Product (Mixture)

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