



4 MINUTES STEEL EPOXY

x'traseal®

TECHNICAL DATA SHEET

REV: 6

Date: 25 April 2024

DESCRIPTION

4 MINUTES STEEL EPOXY is steel filled fast setting gray color epoxy adhesive. It offers good gap-filling capabilities and slumping characteristics. It has temperatures resistance up to 120oC and is pressure resistant. It is very useful for emergency repairs in industries, workshops, marine, automotive, construction and also for household use. After cured, it can be drilled, sanded, and painted. It contains no solvent or VOC, not flammable and no shrinkage after cure.

FEATURES

- ◆ Paintable.
- ◆ Non shrinkage.
- ◆ Steam and heat resistance.
- ◆ Fast setting within 4 minutes.
- ◆ 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

- ◆ Permanent repair: Leaks, holes, cracks, mounting signs to walls.
- ◆ Suitable Substrates: Metal, fiberglass, concrete, ceramics and some plastic materials.

Due to a large variety of different coatings and substrates, we recommend preliminary compatibility tests prior to application to achieve desirable results

NOT RECOMMENDED FOR

PE, PP and PTFE.

APPLICATION

- ◆ Puncture the tube with the cap and squeeze out equal amount of resin and hardener.
- ◆ Mix homogenously until mixture gets uniform color.
- ◆ Apply it on clean surface within 3minutes.
- ◆ For best adhesion roughen the surface.
- ◆ Replace cap after use and store in cool, dry place.

SPECIFICATION

Color,	Resin Hardener	Black White
Specific gravity,	Resin Hardener	1.77±0.04 g/ml 1.56±0.05 g/ml
Viscosity,	Resin Hardener	400±100K cps 370±100K cps
Mixing ratio, A:B		1:1
Appearance		Paste form



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Work Life (Minutes at 25°C)	3 - 4
Curing time (Minutes at 25°C)	4 - 5
Hardness (Shore D)	Minimum 80
Temperature limits	15°C to 120°C
Nonvolatile Content	100%
Lap Shear Strength (kg/cm ²)	Minimum 90
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.

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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