

Product Description

Max 5000 Epoxy Adhesive is a toughened, medium viscosity, industrial grade epoxy adhesive. Once mixed, the two component epoxy cures at room temperature to form a tough, off-white, bond line that provides high adhesive strength.

Features and Benefits

- Easy mix Ratio
- Excellent chemical resistance
- Good impact resistance
- Outstanding shear and peel adhesions
- Very high levels of durability

Properties of Uncured Material (resin)

Chemical Type	Epoxy
Appearance	Off-White
Specific Gravity	1.14
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	45,000
Flash Point (TCC), °C (°F)	>93(>200)

Properties of Uncured Material (hardener)

Chemical Type	Amine
Appearance	Pale yellow liquid
Specific Gravity	1.05
Toxicity	Low
Solids	100%
Viscosity @ 25°C, cP	50,000
Flash Point (TCC), °C (°F)	>93(>200)

Properties of Cured Material

Vo. Mix Ratio, Resin: Hardener	2 to 1
Wt. Mix Ratio, Resin: Hardener	100:46
Gel Time, 100g (25°C)	30 mins
Tack free time (25°C)	180 min.
Hardness @ 25°C, Shore D	80

Performance Properties

(Substrates cured or 5 days @ 22°C)

Lap Shear

Abraded Steel	3,300 psi
Acid Etched Aluminum	4,300 psi
Galvanized Steel	3,500 psi

General Information

Storage

Product should be stored in cool, dry conditions. Max 5000 Epoxy, when un-mixed has a shelf life of 12 months when stored at 25°C. Storage in cool, clean areas is recommended. Usable shelf life may vary depending on method of applications and storage conditions.

Note

The data are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is recommended that the product be tested in the application for which it is to be used.