

TECHNICAL DATASHEET

VIPER ANTI-CORROSIVE EPOXY PRIMER

PRODUCT DESCRIPTION

2K epoxy-polyamide primer providing excellent adhesion to metal. With a unique formulation, Epoxy Primer has very good anti-corrosive properties, outstanding protection, chemical and water resistance. It can be used as a high build surfacer or a wet-on-wet sealer.

PRODUCT BENEFITS

- 1- Strong adhesion
- 2- Excellent anti-corrosion protection
- 3- Long-term protection
- 4- Chemical resistance
- 5- Mechanical & Abrasion resistance
- 5- Easy mixing
- 6- Excellent toughness

RECOMMENDED USES

Ideal as a primer before the application of VIPER Protective coating to further enhance adhesion, durability and anti-corrosive properties.

It can be applied on metallic surfaces, bare steel, polyester fillers...

CHEMICAL AND PHYSICAL PROPERTIES

Physical Properties

Technology	Epoxy
Physical State	Viscous Liquid
Appearance	Comp. A Viscous Liquid Comp. B Liquid Two Components- requires mixing 4 parts Base to 1-part Activator by volume
Color Range	White, Black, Grey

Component A

Specific Gravity, ISO 2811

$1.4 \pm 0.05 \text{ g/cm}^3$

Viscosity, ISO 2884

15 – 17 poises

Chemical Properties

Component A

Solids by Weight

$75 \pm 2\%$

Solids by Volume

$55 \pm 2\%$

Component B

Solids by Weight

$56 \pm 2\%$

Solids by Volume

$62 \pm 2\%$

SURFACE PREPARATION AND APPLICATION



Surface preparation:

Clean and remove dirt, oil, grease and wax with a degreaser. Remove all loose material including rust and oxidation.

Sand all areas to be primed with grit paper P180 – P320, then clean with a cleaner or degreaser.



Mixing ratio:

4:1:10% - 40% (Primer: Hardener: Thinner)



Spray viscosity:

16 – 20 seconds DIN4 at 25°C



Pot life:

4 - 6 hours at 25 C

Shelf life: 24 months.



Layers:

1 - 3 layers

Flash-off: 5 -15 minutes.



Drying time:

at 20°C: 4 - 6 hours.

at 60°C: 60 min.



Sanding:

P240 – P600



CAUTION

Flammable Liquid and Vapor

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.

Each container is supplied with its appropriate pack of relative hardener.

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.