HAPPY WALL PAINTS
COLORING THE IMPOSSIBLE

TECHNICAL DATASHEET

EPOXY PRIMER SOLVENT BEARING FOR METAL

PRODUCT DESCRIPTION

2K epoxy-polyamide primer characterized by excellent adhesion to metal.With a unique formulation, Epoxy Primer has very good anti-corrosive properties, outstanding protection, chemical and water resistance.

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

On interior and exterior metal surfaces in areas where chemical and mechanical resistance are required such as industrial plants, petroleum refineries and water purification plants.

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
Pot Life	4-6 hours @ 25^0C
Color Range	White, Black, Grey

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Component A

Specific Gravity, ISO 2811	1.4 ± 0.05 g/cm3
Viscosity, ISO 2884	15 – 17 poises

Component A+B

Drying Time, ASTM D 5895	2-4 hours
Recoat Time	4-6 hours
Coverage	80-85 m^2/Pail
Sag Resistance, ASTM D 3730	Excellent
Leveling, ASTM D 2801	Excellent
Scratching Resistance, ASTM D3002	Excellent

Chemical Properties

Component A

Solids by Weight	75 ± 2%
Solids by Volume	55 ± 2%

Component B

Solids by Weight	56 ± 2%
Solids by Volume	62 ± 2%
Total VOC	25%

SURFACE PREPARATION & PRIMING

All surfaces to be painted must be clean and dry. Be sure to remove all wax, silicone, oil, powdery or scaling rust, loose or peeling paint and all other contaminants. Smooth surfaces should be sanded to promote adhesion.

FERROUS METALS: A completely de-rusted surface is recommended.

MIXING/THINNING/APPLYING

Combine phase A (base) with phase B (Hardener) according to the ratio base: catalyst 4:1
Keep the mixing for 5 – 10 min before use.

Thin the mixture with Thinner with a dilution up to 15%

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Apply one coat on the substrate.
Clean tools and equipment with solvent immediately after use.

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.
- 1Pail (5U.S.G.) = 20L

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.

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