HAPPY WALL PAINTS
COLORING THE IMPOSSIBLE

TECHNICAL DATASHEET

EPOXY PRIMER SOLVENT BEARING

PRODUCT DESCRIPTION

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

PRODUCT BENEFITS

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

RECOMMENDED USES

On interior and exterior concrete and metal surfaces in areas where chemical and mechanical resistance are required such as pavements, parking areas, heavy traffic areas, warehouses, 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

P.O.Box: 85 Zouk Mikael / Lebanon I Tel: +961 9 218 645 - +961 9 218 656 I Fax: +961 9 215 231 I Mobile +961 3 302 216
Email: info@happywallpaints.com I Website: www.amazonapaints.com I V.A.T Registration 72572- 601

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
Wet Film Thickness, ISO 2808	125- 175 µm
Dry Film Thickness, ISO 2808	90- 125 µm
Recoat Time	4-6 hours (overnight)
Coverage	90-100 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 epoxy with a dilution up to 30%

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.

P.O.Box: 85 Zouk Mikael / Lebanon I Tel: +961 9 218 645 - +961 9 218 656 I Fax: +961 9 215 231 I Mobile +961 3 302 216
Email: info@happywallpaints.com I Website: www.amazonapaints.com I V.A.T Registration 72572- 601