



PRIMER

EPOXY PRIMER

TDS 1.0013
Established: July 2026
Updated: NA

Product Description / Uses

Epoxy Primer is a high performance two-pack epoxy resin paint cured by polyamide activator. As primer and intermediate coat of Epoxy EP4 Finish on both concrete and steel surfaces. It has excellent protection against fresh and salt water, abrasion resistance and resistant to crude and heavy oils.

Physical Characteristics

Ingredient	Epoxy resin, polyamide, pigments and additives
Viscosity	60 – 65 Krebs Unit
Non-Volatile	~ 65 %
Density	1.30 – 1.35 (kg/litre)
Theoretical Coverage	8 – 10 m ² /litre depending on dry film thickness
Gloss	Glossy

Properties

Recommended DFT	50 – 75 µm per coat
Drying Time :	
Touch dry	≤ 1 hours
Hard dry	≤ 6 hours
Recoating	> 16 hours
Curing time	~ 7 days

Surfaces Preparation

Steel Surface

The mild steel substrate must be completely dry and free from dust, millscale, dirt, grease and other contaminants before painting. For maximum adhesion and durability of paint performance, all bare metals should be sanded properly.

Concrete Surface

Remove all previous coating and chalk by light abrasive blasting. If abrasive blasting is not available, etch the new and uncoated concrete surface with about 5% sulphuric acid solution followed by thorough rinsing with clean water. Allow the surface to dry completely prior to paint application.



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Application Method

Brushing, rolling or airless spraying

Mixing Ratio

4 parts (Volume) of Unicorn Epoxy Primer to 1 part (Volume) of Unicorn Epoxy Hardener. Stir the epoxy primer, while stirring gradually add in the hardener, continue stir until the mixture is homogenously mixed.

The product is supplied ready for use after ***stir homogenously***.

If thinning is required, please refer to the recommended dilution as per below.

For brushing / rolling : $\leq 10\%$ of Thinner.

For spraying : $\leq 20\%$ of Thinner.