



HIGH GLOSS FINISH EPOXY EP4 FINISH

TDS 1.0012
Established: Jan 2025
Updated: NA

Product Description / Uses

Epoxy Finish is a high performance two-pack amine cured epoxy finish. It is a hard-wearing, chemical resistance finish for industrial floors and steel structures and provides excellent resistance to abrasion. This product is ideal for interior concrete or water proof rendered floors which are intended for heavy industrial and domestic use. It is also designed for application on masonry, ferrous, non-ferrous metal and wood surfaces.

Physical Characteristics

Ingredient	Epoxy resin, polyamide, pigments and additives
Viscosity	65 – 75 Krebs Unit
Non-Volatile	~ 65 %
Density	1.25 – 1.45 (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	≤ 2 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 EP4 Finish (Base) to 1 part (Volume) of Unicorn Epoxy Hardener. Stir the base, 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.