

ENDURAGRIP EPOXY SEALER

DESCRIPTION

Enduragrip Epoxy Sealer is a rapid cure, high build epoxy resin designed to provide a heavy duty trafficable protective and abrasion resistant coating for concrete surfaces. Enduragrip Epoxy Sealer is also used to seal aggregate dressings to provide a durable, industrial or decorative, easy clean, trafficable surface encompassing excellent skid resistance in both wet and dry weather.

SURFACING TYPE

Epoxy resin sealer.
Not UV stable. Recommended for internal applications or where some discolouration is not an issue. Use Unithane PU or Armafloor 500 where exterior colour stability is required.

RESIN COLOURS

Translucent amber/clear.
Pigment packs available for some colours upon request.

SURFACE PREPARATION

All surfaces should be prepared in accordance with the Surface Preparation Data sheet prior to application of this product.

APPLICATION PROCEDURE

Material should be proportioned in the correct ratios in volumes that are suitable for the application at hand. The hardener (Pack B) should be added to the resin base (Pack A) using a slow speed, high torque drill with mixing paddle for 120-180 seconds to obtain a homogenous mix. Add Reducer No:3 thinner at 5-20% by volume depending on temperature and mix. Avoid incorporating air into the resin during the mixing and rolling phase of the application.

Enduragrip Epoxy Sealer must be thinned prior to roller application to prevent bubbles forming during application and curing. Thinning reduces the viscosity aiding application and air release.

The resin should be thoroughly mixed and then applied by roller and/or squeegee to achieve an even distribution of product. The incorporation of thinners aids roller application and prevents appearance of air bubble from aggregate during roller application.

The required volume is applied to a measured area to achieve the correct spread rate and thickness. Always finish by laying off in the same direction.

SYSTEM PROPERTIES

Resin Solids Content	100%	
Coverage	0.4 – 0.6 Kg/m ² 50-75m ² per 30Kg kit	
Resin Mixing Ratio	100 : 44 by weight (resin : hardener)	
Pot Life at 25°C	Typically 30 to 40 minutes	
Initial Gel Time	30 minutes	
Setting Time at 25°C	Initial set: 4 hours	Full cure: 24 hours

RESIN COMPONENT PROPERTIES

	Part A	Part B
Appearance	Clear Liquid	Light Amber Liquid
Viscosity-RVT at 25°C	2300 cps	90 cps
Specific Gravity at 25°C	1.00 – 1.10	1.05 – 1.07

RESIN FILM PROPERTIES

Shore Hardness	> 75° D
Tensile Strength	≥ 12 N/mm ²
Density	1.1 g/ml
Tensile Adhesion	Concrete - ≥ 3.0 N/mm ²

PACKAGING

Sold as 30kg kits comprising:
Resin – 20.8 kg;
Hardener 9.2 kg.
Coverage: 50-75m² per kit (based on coverage rate of 0.4 – 0.6 Kg/m²)

STORAGE

In sealed containers at 5-30°C

SHELF LIFE

12 months minimum



HEALTH AND SAFETY

Before using this product refer to the Material Safety Data sheets. Wear personal protective equipment during application.

ADDITIONAL INFORMATION

Enduragrip Epoxy Sealer is suitable for blending with aggregate fillers to form a repair paste or mortar for the rectification of minor concrete imperfections prior to resin surfacing.

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