



REEPRIME ES300

Epoxy Solvent Sealer



USES

Reeprime ES300 is used as a clear sealing coat for concrete, epoxy screeds and wood floors or as a dust proofing chemical resistant coating.

DESCRIPTION

Reeprime ES300 is based on a blend of epoxy solvents and curing agents. It is supplied in pre-weighed containers to ensure correct on-site mixing, providing an easily mixed and applied coating.

ADVANTAGES

Rapid Curing - Dust Free Surface - Good Chemical Resistance - Good Abrasion Resistance

COLOURS

Clear Only

APPLICATION GUIDELINES

SURFACE PREPARATION

The coating should not be applied to concrete with a Relative Humidity percentage greater than 75%.

The substrate should be clean, free from laitance, oil, grease or other agents which may impair adhesion.

Cleaning techniques may include, acid etching, grinding, light mechanical scabbling, blasting or degreasing, depending on floor contamination.

If acid etching is used ensure that all traces of acid are removed and that a neutral pH reading of the concrete is obtained.

Existing concrete floors should be sound and free from loose material. Damaged areas should be repaired with a Reepare Mortar prior to the application of the Reeprime ES300.

TECHNICAL DATA

Solid Contents %	52	Additional Application			
Minimum Film Thickness recommended per coat	40 microns	Information	+10°C	+20°C	+30°C
Adhesion to Dry Concrete	Failure	Pot Life	40 Mins	30 Mins	15 Mins
Adhesion to Dry Shot-blasted Concrete	7 N/m ²	Waiting time between coats:			
Adhesion to Dry Shot-blasted Steel		Min	28 Hrs	24 Hrs	12 Hrs
Shelf Life in sealed Container	12 months	Max	70 Hrs	24 Hrs	24 Hrs
Storage Temperature	Min 5°C Max 35°C	Final Drying Times:			
		Foot Traffic	2 Days	1 Day	12 Hrs
		Lightly Serviceable	3 Days	2 Days	1 Day
		Fully Serviceable	7 Days	7 Days	5 Days
NOTE: All the above values are approximate Store away from Food, Drinks, Animals and Children					

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MIXING INSTRUCTIONS

IT IS IMPERATIVE THAT THE MIXING IS CARRIED OUT IN THE RESIN CONTAINER. Reepime ES300 is a two-pack system and it is very important to ensure the curing agent and resin are thoroughly mixed together. The entire contents of the curing agent,

Component B, should be added to the entire contents of the resin pack, Component A, and mixed thoroughly using a drill with a suitable mixing attachment.

Packs should not be split unless accurate weighing facilities are available. Reepime ES003 is supplied in pre-weighed units of the correct proportions.

APPLICATION

Reepime ES003 is applied to the prepared substrate by roller or brush ensuring total coverage. Avoid over-application and puddles. Ensure that the first coat of Reepime ES300 is tack free before the application of subsequent coats, as solvent entrapment will occur causing the system to fail.

STORAGE, MIXING & APPLICATION

The storage, mixing and application conditions can affect the quality of the finished product. Please refer to our Information Data sheet reference TD300.

CLEANING

All brushes, rollers, tools etc. should be cleaned with Reepol Thinners RC4 immediately after use. For hands - soap and water.

PACKAGING

Pack Size	4.7kg
Component A	3.0kg
Component B	1.7kg
Coverage	150g/m ²

Coverage is given as a guide only as the exact coverage will vary from floor to floor.

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing are used when using Reepime ES300. If eyes are affected wash with copious amounts of water and seek medical advice. For hands - wash with soap and water. For full details refer to C.H.I.P. data sheet.



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