rbs Epoxy Primer

Description

rbs Epoxy Primer is a two pack epoxy primer and bonding agent for concrete and masonry structures. It exhibits outstanding ease of application and provides excellent bond to both damp and dry substrates.

Uses

- Primer for rbs Epoxy Lightweight Mortar.
- Adhesive to bond freshly mixed cementitious mortars on vertical, horizontal surfaces and soffits.
- Protective coating to exposed steel reinforcement in marine environments from excessive chloride attack.
- Adhesive to pavement repair concretes in areas of high traffic loadings or exceptional circumstances.

Directions For Use

Substrate preparation – All substrates must be structurally sound, free from contaminants such as oil, grease and traces of other coatings, and should be free from standing water. Concrete should be free from laitance and lightly textured to provide mechanical key.

Steel substrates are best prepared by grit blasting to Swedish Standard SA 21/2 and then degreased with a suitable solvent such as rbs Bluewash immediately prior to bonding.

If Grit Blasting Equipment is not available then mechanical grinders with rotary wire brushes, sanding discs, and needle guns can be utilised to remove loose rust, new / old paint, and mill scale until a bright metallic sheen appears.

For preparation of other substrates such as mild steel, galvanized steel, aluminium or timber, contact our technical department.

Mixing – rbs Epoxy Primer should be mixed using a slow speed drill fitted with an EPI MR2 mixer paddle, thoroughly blending the resin and hardener components until uniform.

Application – Application may be by brush or roller, brushing being essential for a damp surface when the primer must be sheared into the substrate to displace any moisture (there must be no free standing water). Coverage will depend on the porosity and texture of the substrate and the nature of the material to be subsequently applied.

Cleaning – All tools should be cleaned using a proprietary solvent-based cleaner before the material hardens. If the resin is allowed to set it can only be removed by mechanical means.

Technical Data

Colour	Amber liquid
Flash Point	>100°C
Usable Life (depending on temp.)	20 minutes
Cure Time	Remains tacky for 90 minutes

Tests carried out @ 20°C:

Bond to Concrete	> 3.8 N/mm²
Pot Life	20 minutes
Temperature Limitations	rbs Epoxy Primer should not be applied at temperatures below 5°C

Packaging

rbs Epoxy Primer is a two component material:

Pack yields	3 kg (2.75 litres)
Coverage Rate	2-4m²/ltr as a primer for screed

Actual coverage rate is dependant upon surface profile, operating conditions and techniques.

Storage

Store in dry, cool, frost-free conditions. Under such conditions the shelf life will be at least 12 months.

Health & Safety

When working with rbs Epoxy Primer suitable protective clothing, eye/face protection and gloves should be worn. Areas where this product is being applied must be well ventilated.

For further health and safety information, please refer to the relevant Safety Data Sheet.

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Important Note

Whilst all reasonable care is taken in compiling technical data on the Company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company.

It is the responsibility of the customer to satisfy themselves that each product is fit for the purpose for which they intend to use it. Ensure that the actual conditions of use are suitable, and that in the light of our continual research and development programme, the information relating to each product has not been superseded.

The information given on this sheet is, to the best of our knowledge, true and accurate. No guarantee of the results implied, or any loss or damage arising out of this material, however, are possible as the conditions of application are beyond our control. This is not withstanding any liability arising from the Consumer Protection Act 1987 and the Health & Safety at Work Act. Health and Safety data is available on this product and should be referred to prior to its use

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