

Tel: 0191 300 9989 www.reprotecuk.co.uk

Description

Reprotec Tackprime has been developed for use in conjunction with Reprotec Floor Doctor, Reprotec Step Doctor and Reprotec Renderlite Mortar for concrete repair operations

The product exhibits outstanding adhesion to concrete and other surfaces.

Reprotec Tackprime is supplied as a two pack system, comprising pre-weighed amounts of BASE and CURING AGENT components.

Typical Uses

As a primer for concrete prior to the application of Reprotec Floor Doctor or Reprotec Renderlite.

As an adhesive for bonding new to old concrete e.g. resin bonding new floor toppings to old concrete.

As a protective treatment to exposed steel re-enforcement during concrete repair.

Advantages

- Solvent free, low odour
- Excellent adhesion to concrete and steel
- Impervious to water
- Low viscosity, easily applied
- May be applied to cool, damp surfaces
- Pre-packaged units ready for use
- Very good chemical resistance

Typical Properties

Viscosity: 400 cps @ 20°C

Pot life @ 20°C: 50 Minutes

Pot life @ 10°C: 100 minutes

Colour: Straw coloured liquid.

Adhesion to concrete: 3.8MPa (concrete failure)

Packaging

Reprotec Tackprime is supplied in 2kg packs

Procedure

Surface Preparation

- a. Concrete surfaces shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, and existing paint finishes etc. Suitable mechanical treatment such as vacuum grit blasting or mechanical scabbling is recommended to ensure the removal of contaminants and to provide a mechanical 'key' for the Reprotec Tackprime.
- b. Steel reinforcement shall be abraded, wire-brushed etc. to remove all traces of rust. Priming should immediately follow preparation to obviate the possibility of flash rusting.

Mixing

Reprotec Tackprime is supplied in pre-weighed containers ready for mixing.

Pour the contents of the CURING AGENT Container into the BASE container and thoroughly mix, preferably by mechanical means until a uniform consistency is achieved.

Application

Apply by brush or roller at a nominal rate of 0.15 to 0.30kg/m².

Ensure that the surface is thoroughly wetted out.

Allow the primer to 'tack up' for a minimum of 10 minutes prior to the application of subsequent treatments. Please refer to the Reprotec Floor Doctor, Reprotec Step Doctor or Reprotec Renderlite product data sheet as appropriate.

Note: In this section the primer will remain 'open' for 90 minutes @ 20°C, within which time subsequent application should be carried out. Should this period be exceeded then the surface must be re-primed prior to continuing.

Equipment Cleaning

Clean equipment with Reprotec Toolclean immediately after use.

Curing

Touch dry after 6 hours @20°C

Hard dry after 12 hours @ 20°C

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Storage and Shelf Life

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.
Do not expose to freezing conditions.
Reprotec Tackprime has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Coverage

3.3-6.7m²/kg depending on surface texture.

Limitations

Do not apply to wet or uncured concrete surfaces.
Do not apply to temperatures below 3C, or if there is a risk of frost during the initial curing period.

Health and Safety

Avoid contact of the material with skin and eyes.
Wear gloves and goggles.
Wash off splashes immediately with soap and water.
Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information

Reprotec Tackprime shall be applied strictly in accordance with the manufacturer's instructions

For specific advice regarding any aspect of this product, please consult our Technical Department.