

ANDCOAT EPOPRIME



DESCRIPTION

Andcoat EpoPrime has been developed for use in conjunction with Polyurethane Resin seamless floor systems. The product exhibits outstanding adhesion to concrete and other surfaces. EpoPrime is supplied as a two pack system, comprising of pre weighed amounts of Base and Curing Agent components.

TYPICAL USAGE

As a primer for concrete prior to application of Epoxy Resin and Polyurethane Resin seamless floor systems.

MIXING

Pour the contents of the part B container into the part A container and thoroughly mix using a slow speed mixing drill for a minimum of five minutes until the material forms a uniform consistency.

Never mix by hand.

TECHNICAL DATA (AFTER 28 DAYS @ 20°C)

Chemical Resistance: Good

Bond Strength: >1.50 N/mm² (Concrete Failure)

VOC < 170g/l Based on a fully mixed unit

CURING SCHEDULE (@ 20°C)

Pot Life: 30 minutes

Over-coating: 8 Hours or until surface has lost tackiness.

NOTE: At lower temperatures the above cure times will be increased.

SURFACE PREPARATION

To be assured of maximum adhesion and properties from Andcoat resin products the correct surface preparation is essential. The concrete substrate must be a minimum of 28 days old and the residual moisture content must be a maximum of 75% RH. The substrate should be sound with a minimum compressive strength of 25 N/mm² and minimum pull-off strength of 1.5 N/mm². The surface must be clean, dry and free of contaminants such as dirt, oil, grease, coatings and surface treatments. If in doubt, apply a test area first.

Concrete substrates should be mechanically prepared using vacuum enclosed abrasive blast cleaning or diamond grinding equipment to remove laitance and previous surface treatments leaving an open textured surface. Weak concrete must be removed and repaired using recommended Andcoat products

GENERAL GUIDANCE

This Data Sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Specific installation advice can be provided upon request. Please consult our Sales Department to confirm that this Data Sheet is the current issue.

STORAGE

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions. EpoPrime has a maximum of twelve months shelf life when stored in the original, unopened containers.

APPLICATION

Apply the mixed material with a short to medium pile lamb's wool roller making sure that the surface is thoroughly wetted out. If additional coats of primer are required, these should be applied 12 to 24 hours after the first coat has cured (see Curing Time) and a minimum of 6 hours and no later than 24 hours after the first coat has cured for Andcoat EpoPrime FC. The first coat must not be contaminated prior to applying the second coat.

The ambient temperature of the works area should be a minimum of 15°C during the application and curing period, if not adhered to this can affect the performance of the system. Materials and substrate temperature must be above 10°C.

HEALTH & SAFETY

Avoid contact of the material with skin and eyes. Wear appropriate gloves, overalls and eye protection during use.

Please refer to material safety sheet for additional information. For specific advice regarding any aspect of this product, please consult our technical section

PACKAGING

Andcoat Epoprime is supplied in 5kg units.

COVERAGE

Approximately 4m² per Kg. Coverage is dependent on surface profile, texture, porosity and substrate temperature.

LIMITATIONS

- Product should be protected from other trades using Kraft paper or similar breathable material. Polythene should not be used.
- Protect the installed floor from damp, condensation and water for at least 24 hours at 20°C.
- Ensure that the ambient temperature remains above 10°C for at least 24 hours after installation.
- The substrate and uncured floor must be kept at least 3°C above the dew point to reduce the risk of condensation or blooming on the surface.

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If you need any further information please feel free to contact a member of our technical team where we will be happy to assist.