

Description

Centrecoat Armourcoat Epoxy Gloss Wall Coating is a two part, virtually solvent free epoxy coating formulated to be used in conjunction with resin flooring materials to provide a continuous, hard wearing seamless finish on walls and vertical surfaces.

For medium duty areas requiring an easy to clean, tough and durable coating with excellent chemical resistance such as wash boxes, silos, bund walls etc. Centrecoat Armourcoat Epoxy Gloss Wall Coating is used as a finish coat for Centrecoat ArmourCoat Epoxy 6 Lightweight Wall Render and is particularly useful to provide protection over rough surfaces such as render, breeze blocks etc.

Suitable Substrates

Concrete, render, brickwork, block work and polymer modified cementitious screeds.

Appearance

Gloss finish in a range of attractive colours and clear. Available in a selection of standard colours. A large selection of BS 4800 or RAL colours are available upon request.

Preparation

Concrete substrates must be a minimum of 28 days old, dry, clean and free of surface laitance and contaminants such as dirt, oil, grease, poorly bonded coatings and surface treatments. Inadequate preparation will lead to loss of adhesion and failure. Concrete must include a functional damp-proof membrane.

Mixing

Materials should be stored at 15°C to 25°C for a minimum of 8 hours prior to use. Pre-mix the coloured resin component before use. Add the hardener component to the coloured resin component and mix using a low speed electric mixer (200 - 500 rpm) for at least 3 minutes until homogeneous. Use a spatula to scrape the sides and bottom of the mixing vessel several times as unmixed material will result in uncured patches in the final finish.

Application

Apply with a medium pile simulated sheepskin roller working well into the surface taking care not to exceed the coverage rate. Edges and difficult to reach areas may be applied thinly by brush. Centrecoat Armourcoat Epoxy Gloss Wall Coating is a near-100% solids material and can be prone to running on vertical surfaces. Avoid applying excessively thick to minimise drips.

Centrecoat Armourcoat Epoxy Gloss Wall Coating is a relatively viscous coating. Do not apply outside of the range 10°C to 25°C. Localised heating or cooling equipment may be required outside this range to achieve ideal temperature conditions. To reduce the risk of "blooming" caused by condensation, the climate above the uncured floor should be maintained at least 3°C above the dew point for at least 48 hours after application.

The floor should be protected from contact with water for at least 7 days.

Technical Data

- Thickness: 130 - 160 microns per coat
- Pot Life: 25 minutes at 20°C
- Overcoatable: 16 - 36 hours at 20°C
- Cure Time to Light Traffic: 24 hours at 20°C
- Full Chemical Resistance: 7 days at 20°C
- VOC: Complies with category j type SB (< 500 g/l)

The above cure times are approximate and given as a guide only. These times can vary due to prevailing site conditions. At lower temperatures curing times will be extended. If the over coating interval of 36 hours is extended, the first coat should be abraded to ensure inter-coat adhesion.

Coverage Rate

The coverage rate will vary depending on the texture and porosity of the substrate, film thickness and application technique. Two coats are normally sufficient but on very porous substrates, an initial coat of Centrecoat Armourcoat 3-350 Primer may be required. As a guide 0.2 kg/m² gives a wet film build of approximately 130 microns.

Clean Up

Tools and equipment should be cleaned whilst the resin is still wet with a suitable solvent.

Maintenance

Centrecoat Armourcoat Epoxy Gloss Wall Coating can be easily cleaned using industry standard cleaning chemicals and techniques designed for epoxy resin flooring. Test cleaning agents prior to use. Do not steam clean or subject to temperatures in excess of 60°C.

Precautions

Remove food products from the area during application and curing. As with all high gloss paint finishes, scratching of the surface may occur with use due to surface contamination and abrasion. In common with all smooth floor finishes, Centrecoat Armourcoat Epoxy Gloss Wall Coating may become slippery under certain conditions. In areas of chemical spillage, please consult our Technical Department for specific advice.

Storage

Materials should be kept dry and stored in a weatherproof building maintained at 15°C to 25°C on pallets and away from walls. Consignments should be used in order of batch number. Protect from frost.

Shelf Life

12 months if stored in accordance with the above recommendations.

Packaging

Available in 2.5 and 5 Kg

Health & Safety

Before using this product, please ensure that you have received and read the product Safety Data Sheet. Refer to hazard labelling on the product. Wear gloves and avoid contact with skin and eyes.