

Description

Centrecoat Epoxy Damp Proof Basement Primer is a 2 pack, 100% solids damp tolerant primer for floors. Formulated to inhibit water vapour transmission and isolate moisture.

- ▶ 100% Solids Epoxy
- ▶ Inhibits water vapour transmission and isolates moisture
- ▶ Seals floors prone to damp
- ▶ Offers outstanding adhesion to concrete
- ▶ Allows early laying of floor covering
- ▶ Low viscosity and easy to apply

Designed for use as a base coat to seal concrete floors against damp. Typically this product is used in basements, garages and any environment with damp conditions. Can be applied by brush, squeegee or solvent-resistant roller.

Centrecoat Epoxy Damp Proof Basement Primer is intended as a primer only, not a wearing surface and must always be coated with an appropriate topcoat. Not a solution to rising damp.

Colour

Available in Clear.

Technical Data

- ▶ Minimum air application temperature must be above 15°C
- ▶ Minimum flooring application temperature must be above 10°C

- ▶ Pot Life: Up to 30 minutes at 20°C
- ▶ Light Traffic Ready: 24 hours at 20°C
- ▶ Full Traffic Ready: 3 days at 20°C
- ▶ Fully Cured: 7 days at 20°C
- ▶ Overcoatable: 12-18 hours depending on temperature

Coverage

4.5 Kg composite Pack covers 18 - 27 m² per coat (4-6m² per Kg per coat). One coat is generally sufficient.

Preparation

New Concrete Floors

New Concrete must be at least 4 weeks old before considering coating the substrate or moisture less than 5%. The substrate should be clean, free from laitance which should be removed by techniques such as acid etching, light mechanical scrubbing, blasting, grinding or degreasing.

Existing Concrete Floors

Remove all dirt, oil, grease or other surface contaminants by enclosed shot blasting, scarification or mechanical grinding.

Mixing

Add the smaller tin containing part b - curing agent to the bigger tin containing part a - epoxy resin. Ensure mixing of the combined materials is done thoroughly using a spatula, wide bladed tool and or drill assisted paint mixing tool (on its lowest speed setting). Always ensure a spatula is use to mix any unmixed materials from the sides or the bottom of the tin.

It is suggested that continuous mixing is maintained for at least 3 minutes until an even colour and uniform consistency is achieved. Over mixing must be avoided to reduce air entrainment.

Application

Beware of Condensation

The substrate and uncured floor must be at least 3°C above dew point to reduce the risk of condensation or blooming on the floor finish. Note: low temperatures and high humidity conditions increase the probability of blooming.

Store between 15°C - 25°C for at least 8 hours before use. The ambient temperatures of the areas should not be allowed to fall below 15°C throughout the application and curing period. Surface temperatures must be above 10°C, avoid surfaces temperatures above 30°C.

Apply the first coat by brush, squeegee or short / medium pile solvent resistant roller ensuring the product is well worked into the surface. Make certain that the entire surface is completely covered, pin-hole free with no gaps or cavities to prevent water migration. Once the first coat has cured (after 12-18 hours depending on temperature), the second coat should be applied at right angles to the first within 24 hours by also using squeegee, brush or roller. A light scatter of 60's mesh dry silica sand can be applied while curing, in order to improve the inter coat adhesion of the resin topping or coating.

- ▶ Do not use a water-based roller.
- ▶ Do not exceed the coverage rates stated above.
- ▶ Do not over roll.
- ▶ Porous floors may require two coats.

Cleaner / Thinner

Before the product cures all applicators should be washed in warm soapy water. Any spillages of the PART A - EPOXY RESIN prior to mixing must be removed by solvents.

Shelf Life

12 months shelf life from date of production in original unopened containers and can be stored in dry conditions between 5°C - 30°C. Do not allow packs to freeze.

Packaging

Available in 4.5Kg Composite Packs (including Part A - Epoxy Resin, Part B - Curing Agent).

Precautions

- ▶ See MSDS sheet
- ▶ Wear gloves, goggles and suitable protective clothes.
- ▶ In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- ▶ Remove splashes from the skin with a recognised hand cleaner or plenty of soap and water.
- ▶ Keep out of reach of children.
- ▶ Do not use near fish ponds. Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environments.
- ▶ Do not empty into drains.

