

EPOSEAL DPM

Epoxy Damp Proof Membrane

Description

EPOSEAL DPM is a two-pack, solvent free epoxy-based damp-proof membrane for use with the CEMART range of surface coatings and toppings. It suppresses residual construction moisture and rising dampness in concrete and sand/cement screeds and can be used in situations where the relative humidity level is above 75%. It is applied by brush or roller in two coats.

Packaging

EPOSEAL DPM is supplied in 5 and 10 kg kits.

Specified Coating Thickness

Approximately 200 microns per coat.

Coverage

On grit blasted and textured surfaces, approximately 3.5 m² per kg per coat for the first coat and up to 5 m² per kg per coat for the second coat. Coverage figures will vary according to the texture, porosity and evenness of the surface on which the EPOSEAL DPM is being applied.

Storage

Store at temperatures between 5°C and 30°C.

Shelf Life

Approximately 12 months if stored in unopened containers and under good conditions.

Surface Preparation

The surface must be clean, dry and free from dust, laitance, oils, paints or other forms of contamination. Grit blasting can be used to remove laitance and surface contamination (see the Guide to Surface Preparation for further details). For treatment of surfaces containing expansion joints consult our Technical Department.

Number of Coats Required

Two coats of EPOSEAL DPM are required where the relative humidity level of the screed is higher than 85%. For RH levels between 75% and 85%, use 1 coat of EPOSEAL DPM.

Mixing

Taking care to ensure that the bottom and sides are thoroughly scraped, transfer the entire contents of the CEMART DPM hardener container into the resin container and, using a Jiffytype mixer attached to a slow-running electric drill, mix for approximately two minutes. **Never mix EPOSEAL DPM by hand as this could lead to areas of uncured material.**

Application

Once mixing is complete, transfer the EPOSEAL DPM to a roller tray and, using a medium-pile simulated sheepskin roller, apply it evenly over the surface.

Working Time

EPOSEAL DPM has a working time of approximately 20 minutes at 20°C. **Never leave the mixed EPOSEAL DPM kit to stand for any length of time prior to application as this will considerably shorten its working time.**

Cleaning

Once mixing and application are complete, tools can be cleaned with **CEMART SOLVENT**. Cured material can only be removed mechanically.

Curing Time

At 20°C, EPOSEAL DPM should be allowed to cure for 18 hours prior to carrying out further operations on it. At lower temperatures the cure time will be extended (consult our Technical Department for details of curing times at other temperatures).

Overcoating

The second coat of EPOSEAL DPM must be applied no later than 24 hours after the first coat has cured (see Curing Time). The first coat must not be contaminated prior to applying the second coat.

Working Conditions

EPOSEAL DPM should not be applied at temperatures less than 5°C.

Health and Safety

Avoid contact of the material with skin and eyes.
Wear appropriate gloves, overalls and eye protection during use. Please refer to material Safety Data Sheet for additional information, for specific advice regarding any aspect of this product, please consult our Technical Department.

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. Further information is available from our Technical Department. Please consult our Sales Department to confirm that this Data Sheet is the current issue.