



# VOLSEAL DPM®

## EPOXY-BASED LIQUID DAMP-PROOF MEMBRANE

### DESCRIPTION

VOLSEAL DPM is a two-pack, solvent-free epoxy-based damp-proof membrane for use with the CETCO range of surface coatings and toppings, applied as a moisture suppressant coating prior to overlaying with moisture sensitive flooring systems or simply as a DPM under sand/cement screeds.

### APPLICATIONS

- DPM under moisture sensitive coatings and toppings
- Reducing water and vapour permeability
- DPM substitute where existing membrane has failed or is unknown

### ADVANTAGES

- Can be applied to damp concrete floors up to RH 92%
- Excellent adhesion to concrete and screeds
- Solvent free and low odour
- Colour coded to aid coverage

### INSTALLATION

#### 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.

### Mixing

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

### Application

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

### Working Time

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

### Number of Coats Required

Two coats of VOLSEAL DPM are required where the relative humidity level of the screed is higher than 92%.

### Curing Time

At 20°C, VOLSEAL 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 VOLSEAL 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.

### CLEANING

Once mixing and application are complete, tools can be cleaned with an appropriate solvent-based cleaner. Cured material can only be removed mechanically.

### LIMITATIONS

VOLSEAL DPM should not be applied at temperatures below 5°C.

### SIZE & PACKAGING

#### Materials Supplied

VOLSEAL DPM is supplied in 5kg and 10kg 2-part packs.

#### Coverage

On grit blasted and textured surfaces, approximately 3.5m<sup>2</sup>/kg/coat for the first coat and up to 5m<sup>2</sup>/kg/coat for the second coat. Coverage figures will vary according to the texture, porosity and evenness of the surface on which the VOLSEAL DPM is applied.

### SHELF LIFE / STORAGE

The product has a shelf life of approximately 12 months, when stored in dry warehouse conditions, in temperature ranges between 5°C and 30°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 Data Sheet for additional information. For specific advice regarding any aspect of this product, please consult our technical department.

### NOTES

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.



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