

Description

Epoxy Resin Damp Proof Membrane DPM is a two pack primer/coating, formulated to function as a residual construction moisture suppressant, and allow the early installation of moisture sensitive flooring in fast track building programmes.

One or two coats may be applied depending on the degree of dampness present in the sub-floor.

The product is available in grey, red, and clear colours to allow control of uniform coverage.

Epoxy Resin Damp Proof Membrane DPM is suitable for priming all damp, minimally prepared substrates.

Typical Uses

As a surface damp-proof membrane.

As a moisture barrier on concrete/sand/cement screeds

As a damp tolerant primer for concrete and resin screeds.

As a damp surface tolerant coating.

Advantages

- Provides surface damp-proof membrane
- Allows rapid laying of floor toppings to power floated concrete
- Solvent free, low odour
- Coloured to monitor progress
- Low viscosity, easily applied
- Excellent adhesion
- Surface tolerant
- Excellent resistance to water, grease and oil

Typical Properties

Pot life @ 20°C: 45 Minutes

Pot life @ 10°C: 90 Minutes

Colours: Grey, Red and Clear (BS4800 and RAL colours can also be supplied)

Tack Free Time @20°C: 6 hours

Hard Dry Time @ 20°C: 14 hours

Coverage: 3 m²/kg first coat

4m²/kg second coat

Adhesive strength to damp concrete:

3.6MPa (concrete failure).

Flexural Strength: 64 MPa.

Water Absorption: <0.2% after 7 days immersion.

Packaging

Epoxy Resin Damp Proof Membrane DPM is supplied in 5kg, and 15kg packs

Procedure

Surface Preparation

Concrete surfaces shall be sound, clean and free from dust laitance and other contaminants. Suitable mechanical treatments such as vacuum grit blasting is recommended to ensure the removal of contaminants and to provide a 'key' for the Epoxy Resin Damp Proof Membrane. Moisture testing of the substrate in accordance with BS8203, shall be carried out on new concrete floors. A sub floor moisture reading of 97% R.H. can be accommodated by Epoxy Resin Damp Proof Membrane. If readings exceed this figure, then the floor must be allowed to dry out further.

Mixing

Pour the contents of the CURING AGENT tin into the BASE container and thoroughly mix, preferably by mechanical means until a uniform colour and consistency is achieved.

Application

a) Two coat application (R.H.>92%).

Apply a first coat of Epoxy Resin Damp Proof Membrane DPM red, by brush or roller to the prepared substrate at a nominal rate of 3 m²/kg

Within 24 hours apply a second coat at a nominal rate of 4 m²/kg

b) Single coat application (R.H.<92%).

Apply a coat of Epoxy Resin Damp Proof Membrane DPM (grey, red, or clear) at a nominal rate of 3 m²/kg

Equipment Cleaning

Clean equipment with Urban Hygiene Toolclean prior to curing of the material.

Storage and Shelf Life

Store in dry conditions at temperatures between 10°C and 25°C.

Do not expose to freezing conditions.

Epoxy Resin Damp Proof Membrane DPM has a min shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Limitations

Do not apply to surfaces with standing water. Do not apply at temperatures of 3°C or less.



Health and Safety

Avoid contact of the material with skin and eyes
Wear gloves and goggles
Wash off splashes immediately with soap and water
Please refer to Material Safety Data Sheet for additional information

Epoxy Resin Damp Proof Membrane DPM shall be applied strictly in accordance with the manufacturers instructions

For specific advice regarding any aspect of this product, please consult our Technical Department.

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Urban Hygiene Limited current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).