

DPM Paint

Description

Time is money and our Epoxy Resin Damp Proof Membrane Primer/Coating was developed to save its users both time and money. On concrete floors, where residual construction moisture exists, simply apply one or two coats (depending on the degree of dampness) of this low viscosity, super moisture tolerant (97% R.H.) Primer/Coating and you can get on with laying your specified floor topping – even if it happens to be moisture sensitive. Perfect for damp and minimally prepared surfaces our Epoxy Resin DPM allows the rapid laying of floor toppings to power floated concrete and suppresses moisture on all concrete sand/cement screeds and resin flooring screeds.

Advantages

- Full surface Damp Proof Membrane
- Allows rapid laying of floor topping
- Suppresses moisture on concrete
- Excellent adhesion in damp areas
- Solvent free and low odour and VOC
- Coloured or clear finishes available
- Resists water, grease, dirt and oil
- Hugely damp tolerant floor primer
- Suppresses residual damp/moisture
- Facilitates early flooring installation
- Moisture suppressant Sand/cement
- Moisture suppressant concrete/resin
- Low viscosity for easy application
- Two pack epoxy resin-based coating

Typical Uses

As a surface damp-proof membrane.

As a moisture barrier on concrete/sand/cement screeds

As a damp tolerant primer/coating for concrete and resin screeds.

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: 3m²/kg first coat / 4m²/kg second coat

Adhesive strength to damp concrete:3.6MPa (concrete failure).

Flexural Strength: 64MPa. / Water Absorption: <0.2% after 7 days immersion.

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 3m²/kg

Within 24 hours apply a second coat at a nominal rate of 4m²/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 3m²/kg

Equipment Cleaning

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

Packaging

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

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 & 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.