

Description

DPM has been developed to function as a residual construction moisture suppressant, to 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 and red colours to allow control of uniform coverage.

DPM is easy to apply and will cure rapidly, even at low temperatures.

Typical Uses

As a surface damp-proof membrane.

As a moisture suppressant on concrete and sand/cement screeds.

As a damp tolerant primer for concrete and resin screeds.

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
- low temperature cure
- excellent resistance to water, grease and oil

Typical Properties

Colours:	red and grey
Viscosity:	500 cps @ 20C
Pot life:	45 minutes @ 20C 90 minutes @ 10C
Application rate:	3 Sq.m./Kg - first coat 4 Sq.m./Kg - second coat
Adhesive strength: (to damp concrete)	3.6 N/Sq.mm. (concrete failure)
Curing characteristics:	touch dry after 5 hours @ 20C hard dry after 12 hours @ 20C
Flexural Strength:	64 N/sq.mm.
Water Absorption :	< 0.2% after 7 days immersion.

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PROCEDURE

1. 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 DPM.

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 DPM.

If readings exceed this figure, then the floor must be allowed to dry out further.

2.. Mixing

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

Note: larger packs may be site batched using a mix ratio of 2 parts by volume Base to 1 part by volume Curing Agent.

3. Application

Apply a first coat of DPM, Red, by brush, roller or airless spray, to the prepared substrate at a nominal rate of 3 Sq.m./Kg.

Within 24 hours apply a coat of Grey material at a nominal rate of 4 Sq.m./Kg, and 'blind' with an appropriate dry silica sand.

Excess sand may be swept from the surface following a minimum of 12 hours @ 20C, or 24 hours @ 10C.

4. Equipment Cleaning

Clean all equipment, immediately after use, with Toolclean.

5. Packaging

2Kg, 5Kg, 15 Kg, and 75Kg packs.

6. Storage and shelf life

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

Do not expose to freezing conditions.

Minimum shelf life of 12 months when stored in accordance with the manufacturers recommendations.

7. Limitations

Do not apply at temperatures below 2C.

Do not apply to surfaces with standing water.

8. Health and Safety

Avoid contact of the material with skin and eyes.

Wear appropriate gloves, overalls and eye protection during use. Wash off with soap and water if the material comes into contact with the skin.

Please refer to the Material Safety Data Sheet for additional information.