

For Professional use only

MARLDON MXS140 RAPID DPM (2 PART)



PRODUCT DESCRIPTION

Description

Marldon MXS140 Rapid DPM is a single coat solvent free, accelerated two part epoxy based damp proof membrane which achieves emicode EC1 status.

Provides a guaranteed surface damp proof membrane up to 97% RH (measurable) can be accommodated (99.9% theoretical)

Benefits

- Cures in half the time of conventional epoxy based surface damp proof membranes
- Surface damp proof membrane and smoothing compound can be applied in the same day
- Suppresses residual constructional moisture in concrete and sand/cement floors
- Easy to apply - Low viscosity
- Very cost effective single coat application reducing time on site
- Approved by major floor covering manufacturers
- The unique application method (trowel and roller) assists in obtaining the correct coating thickness
- Suitable for heated concrete and sand cement screeds (provided the surface temperature does not exceed 27 deg C in accordance with BS 8203 and BS 5325)

Colour

When mixed: Gun Metal Grey

TECHNICAL INFORMATION

WORKING POT LIFE

Due to the fast cure nature of this material, all product should be applied onto the floor in a ribbon immediately after mixing. This will allow for the maximum working life to be achieved and facilitate application and improve coverage.

HARDENING TIME

- +20°C: 3 to 4 hours
- +15°C: 4 to 6 hours
- +10°C: 7 to 10 hours

USAGE GUIDELINES

Moisture Testing

(In accordance with British Standards 8203)

- Hygrometer readings must be taken and recorded so that the correct Marldon DPM system can be selected.

Conditioning

- Condition the contents by storing for 24 hours at +15°C to +25°C as cooler temperatures will increase viscosity and make application more difficult. Higher temperatures will speed the chemical reaction and therefore reduce working pot life.

Coverage rate

Approximately 12.5 m² (up to 97%) to 15 m² (up to 92% RH) per 4 litre (6KG) unit. Depending on method of application and condition of substrate, a dry film thickness of approximately 250-350 microns per coat should be achieved.

APPLICATION

Surface Preparation

- The surface must be firm, sound, clean, dry and free of any other contaminants liable to prevent penetration into the substrate or adhesion to the surface.
N.B. Concrete curing agents and admixtures and the misuse of these products can impair adhesion. Where doubt exists, or compatibility is unknown, a trial adhesion test with Marldon MXS140 Rapid DPM should be carried out and the Technical Department must be consulted.
- Remove all surface dust, etc., by industrial vacuum cleaning. Machine scarifying or shot blasting will be necessary for removal of incompatible curing agents, admixtures or other stubborn surface contamination. Shot blasting is also recommended on lightly polished surfaces.

Mixing

- Stir Part 1 and Part 2 thoroughly before transferring Part 2 into the Part 1 container.
- Using a slow speed drill fitted with a two bladed propeller (NOT A CEMENT PADDLE), mix the contents for 4-5 minutes to obtain uniformity in colour and consistency. Ensure all materials from the base and sides of the containers are mixed in thoroughly to ensure uniform cure.

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Compatibility - Before using any Marldon product, always try a small inconspicuous test area first.

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Application

- Immediately after mixing, apply the mixed product onto the floor in ribbons to avoid excessive heat build-up and increase working life and then apply with a 2mm x 5mm notched trowel.
- While the Marldon MXS140 Rapid DPM is still wet, flatten out the serration ridges with a long handled, 'fluff free' roller, initially pre-wetted in the Marldon MXS140 Rapid DPM
- The thickness must be no less than 250-350 microns in order to ensure that excess moisture vapour will not permeate the membrane.
- It is essential that the applied coating is continuous and free of pinholes or thin patches, otherwise an additional patching coat will be necessary.
- Allow to cure for 3 to 4 hours at +20°C .
- Do not mix more 6 kg units than can be used within the working pot life.

Cleaning

Clean tools with solvent based cleaner.

Shelf Life

12 months when stored as recommended in original unopened packaging.

Health & Safety Precautions

Product Health and Safety Data Sheets must be read and understood before use.