

# Rewmar MB

## Epoxy DPM System

### Technical Data Sheet

#### USES

Rewmar MB Epoxy DPM System is used to form a surface damp proof membrane and moisture vapour suppressant to concrete/screed floors, it is ideal for fast track building.

#### DESCRIPTION

Rewmar MB Epoxy DPM System is a solvent free, two-component epoxy resin and surface damp proof membrane. It is a flexibilised epoxy, containing wetting agents, penetrants, flow agents and defoamers to maximise penetration and adhesion and to minimise pinholes.

#### ADVANTAGES

1. Inhibits water vapour transmission and isolates moisture
2. Facilitates the overlayment of "green" concrete
3. Offers outstanding adhesion to concrete
4. Allows early laying of floor covering
5. Can accommodate relative humidity up to 98%
6. Cost effective
7. Easy to apply

#### TECHNICAL DATA

Contents	=	<b>4.8Kg</b>
Minimum application temperature °C	=	<b>5°C</b>
Usable time (1.0kg mix) @ 20°C	=	<b>40 – 50 minutes</b>
Light traffic @ ambient temperature	=	<b>18 – 24 hours</b>
Full traffic @ ambient temperature	=	<b>48 – 72 hours</b>
Full cure (achieving maximum physical & chemical properties)	=	<b>7 days</b>
Density @ 20°C(g/cm <sup>3</sup> )	=	<b>1.03 – 1.08</b>

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Page 1 of 2

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#### APPLICATION GUIDELINES

##### Substrate preparation

The substrate should be clean, free from laitance, oil, grease or other agents that may impair adhesion. Techniques for preparation could include totally enclosed shot blasting or light scarification. All residues must be removed to provide a dust free, open textured surface. Existing concrete floors should be sound but preparation methods may involve the patching of floor areas with a suitable Patch Repair System.

##### Mixing

You must pour the total quantity of Curing Agent Component B into the Resin Component A container and mix thoroughly using a slow speed industrial hand drill.

##### Application

In order to achieve good surface damp proof membrane properties it is advisable to apply 2 coats.

- Apply the first coat by squeegee or roller and allow to cure until tack free, which usually takes between 8 – 15 hours, depending on the temperature.
- The second coat should be applied within 24 hours by also using squeegee or roller (a light scatter of dry silica sand can be applied while curing, in order to improve the inter coat-adhesion of any levelling compound or adhesive).
- Adhesive should be applied within 24 hours

##### COVERAGE

First Coat	3 – 4 m <sup>2</sup> /kg
Second Coat	4 – 5 m <sup>2</sup> /kg

##### COLOUR & PACKAGING

Rewmar MB Epoxy DPM System comes in Grey & Brick Red. It is available in 4.80kg units of composite packs, consisting of Resin Component A + Curing Agent Component B.

##### CLEANING

A Tool Cleaning Solvent should be used to clean tools – do not use on skin.

##### HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing be worn when working with the Rewmar MB Epoxy DPM System. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. For full details see separate Health & Safety Data Sheet.

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