



# Epoxy Primer for Porous Substrates MXS160

## TECHNICAL DATA SHEET

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### PRODUCT DESCRIPTION

#### ADVANTAGES:

Marldon MXS 160 Epoxy Primer for Porous Substrates, a two part water based solvent free epoxy primer. Excellent adhesion to concrete, sand / cement and polymer modified screeds, including calcium sulfate screeding compounds

#### PRODUCT USES:

Marldon MXS 160 Epoxy Primer for Porous Substrates provides a breathable sealer for calcium sulfate screeds. Additionally, it is suitable for priming new and existing cementitious screeds, concrete, brick and blockwork. May be used as a low viscosity primer for epoxy paint coatings on prepared power floated concrete..

#### PACKAGING

Two part material provided in 7.5 kg kits.

### TECHNICAL INFORMATION

#### COMPOSITION

Two part water based epoxy. Solvent free.

#### CHARACTERISTICS

##### OPEN TIME

45 minutes

##### CURING TIME

(In good drying conditions at +15°C or above) Overnight. Clear on curing

### USAGE GUIDELINES

#### Standards

All aspects of the installation must be in accordance with the requirements of BS8204, BS8203 (Installation of Resilient Floorcoverings) or BS5325 (Installation of Textile Floorcoverings) and supplementary specifications.

#### PREPARATION

Surfaces should be clean, firm and free from dust, dirt or other material liable to impair adhesion

##### Subfloor

- New concrete should be a minimum of 28 days old.
- Surface temperatures should be +3°C above the dew point.
- Temperatures should be above +5°C at time of application and for 24 hours thereafter.
- Do not apply over wet substrates or externally if rain is expected prior to curing.
- Where used internally, especially in high humidity conditions, forced ventilation will be required to assist curing.
- At lower temperatures and in internal situations, allow a minimum of 24 hours, before overcoating

**COMPATIBILITY:** Before using any Marldon product, always try a small inconspicuous test area first.

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- If contaminated before installing floor finishes, it will be necessary to sand the surface of the primer and reapply one or two coats as required.

### Mixing

- Add contents of Part A (small bottle) to Part B (large container) and mix thoroughly for a minimum of 2 minutes.

### APPLICATION

#### • CONCRETE AND SAND CEMENT SCREEDS

- Apply an even continuous coat, which is free of pinholes to the substrate using a Marldon fluff free roller. Take care to prevent the formation of puddles. On smooth impervious substrates, application by squeegee is the most effective way to quickly obtain a uniform film.
- Leave the coating to dry to a translucent film (usually 3 to 6 hours depending on substrate, temperature and ventilation). If in doubt, leave overnight.
- Once dried, the primed surface is ready for overlaying and must be kept free of contaminants.
- If more than 24 hours have elapsed since the application, then a repeat application of the primer may be required.

#### CALCIUM SULFATE SCREEDS

- Prepare all surfaces by mechanical techniques as recommended by the screed manufacturer to provide a clean, sound, smooth contaminant free surface with a fine texture.
- Remove all traces of dust and debris.
- Apply 1 or 2 coats of mixed Marldon MXS 160 Epoxy Primer for Porous Substrates (as required) and allow each coat to dry (usually 3 to 6 hours depending on substrate, temperature and ventilation).
- Once the calcium sulfate screed is dry (refer to specific manufacturer's instructions) secure the floor covering with the approved Marldon adhesive.

### COVERAGE RATE

10m<sup>2</sup> per kg depending on the substrate and method of application.

### CLEANING

Use water immediately after use.

### STORAGE

Store in dry conditions between +10°C and +35°C.

### SHELF LIFE

12 months when stored as recommended in original unopened packaging.

### HEALTH AND SAFETY

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

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