



## MEP® PRIMER

### Cementitious Adhesive Primer

- Polymer modified to provide a strong bond
- Long open time
- Internal and external – wet areas

### PRODUCT DESCRIPTION

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MEP®. PRIMER 3C is a high quality polymer modified, thin bed, cement based adhesive primer

### USES

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MEP®. PRIMER 3C is a specially formulated grey cement-based adhesion primer, for bonding MEP®. CREPI and traditional renders (cement + sand) on concrete surface, ceiling, column and beam

### FEATURES AND BENEFITS

MEP®. PRIMER 3C is highly compatible with/and bonds extremely well to concrete surface

- Polymer modified to provide a strong bond
- Constant quality/performance (factory mix)
- Can be used on vertical and overhead applications
- Long working time
- Ready to use

### TECHNICAL CHARACTERISTICS

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#### REFERENCE MATERIAL -

Test norms :	EN 1348
Flammability:	EN 13501-1
Good practices:	DTU 20.1 / 52.2

#### CHEMICAL CONTENT

Grey Portland cement, graded sand, specific additive and resins



## TECHNICAL DATA

### TYPICAL PHYSICAL PROPERTIES

Comply to norms EN 1348

#### POWDER CARATERISTICS

Color:	grey
Powder density (kg/m <sup>3</sup> ):	± 1400
Particle size:	≤ 0.6 mm
Reaction to fire:	Euroclass A1

#### PASTE CARATERISTICS

Mixing ratio:	± 30%
Paste density:	± 1.9
pH:	≥ 12
Pot life:	≤ 2 hours
Open time:	≤ 30 min
Application temperature:	+5 °C to +35 °C

#### HARDEN PRODUCT CARATERISTICS

Bed thickness:	2 to 3mm
Initial adhesive tensile strength under UNE-EN 1348:2008 8.2	≥ 0.5 MPa

Note: setting times are quoted at 20°C and are temperature and humidity dependent.

## APPLICATION

### COVERAGE

7m<sup>2</sup> @ 2mm  
1.4Kg / m<sup>2</sup> / mm thickness

The coverage figure given is theoretical due to wastage factors and the variety and nature of possible substrates, practical coverage figures will be reduced.

### APPLICATION

#### Surface preparation

- Ensure that the surfaces are clean, sound and free of dust, release agent, fungi or any material which may affect the adhesion
- All unsound areas, flaky or peeling layers must be removed and repair
- Surface should be pre-wetted prior to application of **MEP®. PRIMER 3C**

Notes: New substrate must be allowed to cure for minimum periods to ensure that movement due to shrinkage does not affect the rendering

#### Mixing ratio: 5.5 lts (+/- 0.5lts) water per 20 kg bag

- Gradually add the powder into the required water quantity while mixing to avoid lumps forming
- Mix thoroughly using a low speed mechanical mixer to a creamy consistency
- Allow the mix to gel for 2 to 3 min and then remix before use



## Application

- Spread the adhesive onto the substrate using a standard plaster trowel
  - A 2mm bed thickness is recommended to achieve the correct adhesion performance
  - The render is firmly pressed into the wet adhesive to ensure optimum contact
- (1) Do not allow the adhesive to dry prior to application of the render
  - (2) When the mixed adhesive is left aside for more than 30 minutes, remix the mortar before use
  - (3) Never add water to restore its workability

## LIMITATION

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Do not apply on:

- Existing paint
- Gypsum
- Other substrate (wood, steel, aluminum ...)

## RECOMMANDATIONS

- Do not apply in wet weather, or in temperatures below 5°C or over 35°C
- Wind reduces the open time and leads to reduced adherence
- Should the mortar stiffen up due to delays in application then discard the product and mix a fresh batch

## PRACTICAL INFORMATIONS

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- Packaging: 20kg triple-ply paper bags
- Handling and storage: 6 months if kept in a dry cool place in the original packaging  
*In more extreme conditions this period might be shortened*
- Tools: Low speed mechanical mixer, plaster trowel

## IMPORTANT NOTE

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### SAFETY AND HYGIENE:

All the information about conditions of use, storage, transport and removing chemical waste is available on the product Safety Sheet. The product and its packaging must be disposed of according to current legislation and it is the responsibility of the product end user.

### LEGAL NOTICE:

Our products are fully covered by a public liability insurance.

The data contained in this document is based on our experience and technical knowledge, gained during laboratory assays, and our bibliography. We will not be responsible for any product applications not indicated in this datasheet. The dosing and usage amount data are only guidelines, based on our experience, and may alter due to atmospheric or on-site conditions. For correct dosing and usage amounts, it is necessary to conduct a trial or assay "in situ", for which the client is responsible. If you have any query or require addition information or clarification, please consult our technical department or website [www.mep.co.mu](http://www.mep.co.mu).

