



# MAXFLOOR<sup>®</sup> CEM

## SELF-LEVELLING EPOXY-CEMENT MORTAR

### DESCRIPTION

MAXFLOOR CEM is a self-levelling mortar composed of a cementitious base and modified epoxy resins.

### USES

- Self-levelling mortar for floor finishes in 1.5 to 3 mm. thick.
- Flattening and levelling of floors, prior to placing of pavement, such as wooden dais, parquet, linoleum, carpet, etc.
- Repair and patching of floors by adding quartz sand.
- Areas of frequent forklift traffic.

### ADVANTAGES

- Self-levelling. Its fluidity provides fast and simple placing.
- Does not need primer of any kind.
- Very good bonding on concrete substrates, even when damp.
- Waterproof.
- Allows the substrates to breath, being permeable to water vapour.
- Non skid finish by dusting of quartz sand while fresh.
- Does not attack reinforcements.
- Minimum risk of scaling or exfoliation.

### APPLICATION INSTRUCTIONS

**Preparation of the surface.** The substrate of concrete or mortar may be dry or humid, but never with any puddles. It must be free of dust, removing any remains of dirt, grease, oxides, oil derivatives and other foreign elements or weak superficial slurries.

It should be well levelled and with a minimum compression strength of 25 MPa.

**Mixing.** Shake component A of MAXFLOOR CEM, and pour it on component B. Then mix them for half a minute in an appropriate container. On the resulting mix, pour component C, little by little until achieving a completely homogeneous mix.

**Application.** MAXFLOOR CEM is spread with a toothed trowel or using batten guides on the substrate. It is advisable to pass over it, after 5 to 10 minutes of the application a spiked roller to remove any air bubbles present, and obtain a uniform finish.

For making patches from three to five millimetres deep, quartz aggregates can be added, of size from 1 to 2 mm., between 5 to 10 kg. per each set of MAXFLOOR CEM, thus obtaining a more thixotropic mortar.

## CAUTIONS

- Never add water to the mix.
- Always use for interior applications.

## PACKAGING

Three component set, 30.55 Kg. in total.

- **Component A :** 1,40 Kg.
- **Component B :** 4,15 Kg.
- **Component C :** 25,00 Kg.

## COLOURS

Grey and white. Other colours upon request.

## SAFETY

- Avoid contact with the skin and eyes.
- Use safety gloves and goggles.
- If it comes in contact with the skin, wash with warm water and soap.
- If it comes in contact with the eyes, rinse abundantly with water and seek medical attention.

## STORAGE

Twelve months in its original unopened containers, in a dry place at temperatures above 4°C.

## CONSUMPTION

Approximately 4.5 kg/m<sup>2</sup> of product and 2 mm. thick.

## TECHNICAL DATA

Mix:

<b>Pot life (20°C)</b>	20 minutes
<b>Density of mix (g/cc)</b>	2.0 ± 0.05
<b>Adhesion after 28 days on concrete (MPa)</b>	Breaks the concrete
<b>Compression strength after 28 days (MPa)</b>	>30
<b>Layer thickness (mm)</b>	1.5 – 3
<b>Application temperature (°C)</b>	>8
<b>Opening to pedestrian traffic (20°C)</b>	24 hours
<b>Colour</b>	White and grey

## **GUARANTEE**

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



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