



XTREMFLOOR® LEVEL DECOR

HIGH-PERFORMANCE SELF-LEVELLING MORTAR FOR DECORATIVE FINISHING

Uses

- As a finish for decorative continuous flooring on degraded substrates or with lack of planimetry.

Properties

- Excellent levelling capacity producing very smooth and completely flat surfaces (thicknesses from 5 to 20 mm).
- It can be applied by pump, optimising productivity.
- Shrinkage compensated for high crack resistance.
- Suitable as mineral decorative finish, suitable for pigmenting.
- Surfaces: concrete, cement mortar, anhydrite. Suitable as a substrate for ceramic tiles, terrazzo, PVC, linoleum, vinyl, carpet, flooring, wood or microcement.
- It can be protected with epoxy and polyurethane coatings.
- Suitable for radiant heating.
- Suitable for indoor use.

Technical information

PROPERTIES	SPECIFICATION	UNIT
Features	Dust	
Composition	Cement, selected additives and aggregates	
Colour	grey	
Density	0,95-1,19	g/cm ³
MIXED PROPERTIES	SPECIFICATION	UNIT
Kneading water	5L per 25kg bag	L
Performance	1,670 kg/m ² for 1mm thickness.	
Minimum application thickness	5	mm
Maximum thickness of application	20	mm
pH	11	
Application temperature	5-35	°C
Adhesion on concrete	>1.5	N/mm ²
Shrinkage (28 days)	<0.4	mm/m
Waiting time for pedestrian traffic	2-3	h
Waiting time for light traffic	24	h
Waiting time for road traffic	3-4	days
Waiting time for heavy traffic	7	days
Waiting time for sanding	24	h
Time to coat	48	h

EN 13813:2002	SPECIFICATION	METHOD
Flexural strength 28 days	F7	EN 13892-2
Compressive strength 28 days	C30	EN 13892-2
Wear resistance	RWA10	EN 13892-4
Fire behaviour	A1 _{FL}	UNE-EN13501-1

Application

1. PREPARATION OF THE SUBSTRATE

The substrate shall be settled, dry, free of dust, grease and other impurities that could hinder adhesion. If necessary, the substrate shall be mechanically treated by mechanical abrasion of the milling, shot blasting or diamond abrasive type depending on the substrate and then vacuumed.

The substrate shall have a minimum compressive strength of 12 MPa and a tensile strength of more than 1.2 N/mm² (pull-off test).

2. APPLICATION

2.1. Primer

On porous or non-porous substrates, apply Primapox® 100 Barrier epoxy primer with a roller by placing the mesh on the primed surface and sprinkle 0.4 mm quartz aggregate freshly until saturation.

2.2. Mix

Mix 5 L of clean water with our Arcocem® Plus pigment to pigment the water. Then add the mortar, respecting the proportion of 25kg XTREMLOOR®LEVEL DECOR and mix with 5L of pigmented water with a slow electric mixer (500 rpm) until a homogeneous, lump-free mass is obtained. Always respect the quantity of mixing water for a correct fluidity in the application and performance.

2.3. Mortar application

Pour the mixture onto the floor, spreading and smoothing with a levelling trowel to obtain the desired thickness. A spiked roller can be used to help de-aerate the mass and remove any trapped air from the product. With high application thicknesses, it is advisable to vibrate the material immediately after pumping to facilitate the self-levelling process of the mortar, integration of the material and to eliminate bubbles and trails produced by the movement of the hose from the surface. Pouring the material by pump should be done by placing the hose approximately 20 cm above the ground and applying fresh material on top of fresh material to avoid the inclusion of air. Keep the application area ventilated to favour the drying of the product. The drying of the product depends on temperature and humidity conditions. Allow 48 hours drying time before covering with finishing material.

2.4. Seal

To complete the application, seal the coating with any sealer from the TOPSEALER range. Topciment recommends in particular the application of Topsealer WT Dragon. See product data sheet.

2.5. Cleaning of tools

Clean tools with water immediately after use. Hardened material must be removed mechanically.

Limitations

- Do not use for exterior flooring.
- Do not apply on floors with permanent damp or rising damp. On screeds without vapour barriers, ensure that there is no capillary rising damp.
- Do not use on soils with temperatures below 10°C or above 30°C, and with ambient humidity above 80%.
- During application, avoid draughts and direct sunlight on the material.
- Respect the perimeter joint, as well as the contact with all vertical elements, respect the existing joints of the support and expansion joints according to the engineering study.

Special precautions

It is essential to follow the instructions on the label. For further information please refer to the safety data sheet of the product.

Presentation

It comes in 25 kg bags on 1200 kg pallets (48 bags).

Storage and preservation

The product should be stored in its original closed container and protected from the weather at temperatures between 10°C and 30°C, in a dry and well-ventilated place, away from heat sources and direct sunlight. The shelf life is 9 months from the date of manufacture, if stored properly.



The product must not be used for purposes other than those specified, without first having written instruction in its handling. It is always the responsibility of the user to take appropriate measures in order to comply with legislative requirements. The Safety Data Sheets of the product are available to the professional.

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