BETOMARC

ANTICONTRACTION LEVELLING AGENT FOR PLASTERING

code 9450150

DESCRIPTION

BETOMARC is a Portland cement-based mortar suitable for levelling and reconstructing plastering and other wall surfaces, both for interior and exterior use.
The product features excellent adhesion on many different types of surfaces on buildings and, at the same time, offers effective adhesion for all surface coatings.
BETOMARC enables levelling with excellent mechanical characteristics to be achieved simply, also featuring outdoor resistance, without cracks and without contraction, even when applied in thick coats.

INSTRUCTIONS FOR USE

The product can be applied on:
Plaster with air-hardening lime and fine sand aggregate base, whether new or painted;
Plaster made up with cement lime mortar.
Prefabricated panels.
BETOMARC is a primer and must be paint over with a top coat finishing system.

TECHNICAL SPECIFICATIONS

- Type of Binder: Portland cement and polymeric components for increasing adhesion to the surfaces and for improving the workability of the product.
- Aggregates of specially selected granulometry
- Aspect: grey powder
- Maximum size of inert substances: 0,5 mm
- Specific gravity: approx. 1,60 kg/l
- Resistance to bending stress: 1,6 N/mm2 after 28 days
- Compressive strength: 3,7 N/mm2 after 28 days
- pH following absorbency: 11-12
- Drying time very much depend on the air temperature and humidity and the corresponding conditions of the surface; in all cases, the product can not be painted over less than 7 days after application, and not before it is ascertained that the surface is completely dry (no humidity stains).

PREPARING THE SURFACE

Plaster:
- Check the state of repair. The surface must be consistent. If this is not the case, take measures to reconstruct and strengthen the surface using specific products.
- Remove any efflorescence by buffing or washing.
- Apply BETOMARC as described in the application instructions.
- Indoors, apply one coat of IDROFIS 4700006 acrylic water-based wall fixative or ATOMO 8840001 micronized solvent-free fixative. Outdoors, apply one coat of solvent-based wall fixative ISOMARC 4410111 or ATOMO 8840001 micronized solvent-free fixative.
- Proceed with the finishing system.

*(The thinning of the sealer and the quantity to be applied depend on the level of absorption of the surface and should be determined by performing preliminary tests on the specific surface.)

APPLICATION INSTRUCTIONS

Air and surface conditions:
Air temperature: Min. +5 C / Max. +35 C.
Relative humidity of the air: <60%.
Temperature of the surface: Min. +5 C / Max. +35 C.
- Avoid applying the product in strong winds, when there is fog, in direct sunlight, or when rain is imminent.
- Do not apply on frozen surfaces or during thawing.
- In the warm seasons it's advisable to dampen the surface before apply BETOMARC.

Means of application:
The product can be applied using a steel trowel and levelled using a sponge plastering trowel.
Mix: 3 parts of BETOMARC + 1 part of water (8.5 l of water for every 25 kg sack).
- The mixture can be worked with for at least 30 minutes.
- Setting time (at 20 C and R.H. <65%):
- Start of setting: after 45’
- End of setting: after approx. 90’
- While working with the product, do not add any additional water in order to reduce viscosity.
- Max depth per application layer: 5 mm
- Tools must be washed immediately after use with water.
- Recoatable: after at least 7 days.
- Indicative spreading rate: 1.2 kg/m2 for each mm of thickness applied.

TINTING

The product is available in grey.

STORAGE

Maximum temperature for storage stability: +30 °C
Minimum temperature for storage stability: +5 °C
Stability in the original closed containers stored at suitable temperatures: 1 year.

SAFETY RULES

Dir. 2004/42/CE not applicable.

Irritating to respiratory system and skin / risk of serious damage to eyes / may cause sensitization by skin contact / keep out of reach of children / do not breathe dust / avoid contact with skin and eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable protective clothing and gloves / if swallowed, seek medical advice immediately and show this container or label / do not empty into drains.
The product must be used in accordance with the standards in force regarding hygiene and safety; after use, do not litter, let the residues dry out completely and treat them as special waste.
Consult the safety data sheet for additional information.

SPECIFICATION ITEM

Application, on previously prepared surfaces, of BETOMARC anticontraction levelling agent for plastering cod. 9450150 - with Portland cement base, selected aggregates and polymeric components.

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