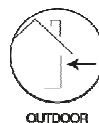


INDOOR



OUTDOOR



WATER
BASED



TROWEL



READY
TO USE

Low thickness skimming mortar

DESCRIPTION

Fiber-reinforced cement mixture with a maximum grain size of 0.8mm, ready to use, perfectly workable, anti-shrinkage with very high adhesion, impermeability and considerable mechanical resistance. The mortar contains very small closed air bubbles which make it resistant to freeze and thaw cycles. For indoor and outdoor use. For professional use.

MAIN PROPERTIES

- Ideal for thick skimming
- Compensated shrinkage

TECHNICAL DATA

Classification UNI 8681	Product "identified" and "qualified" as outlined in chapter 11 of Italian Ministerial Decree of 14/01/08. Compliant with the performance requirements given in EN 1504-3 for class R3 PCC structural mortars.
Maximum granulometry EN 1062	0.8mm
Maximum application thickness	minimum 3mm maximum 20mm
Compressive strength EN 12190	Class R3
Chloride Content EN 1015-17	≤ 0,05%
Bond strength EN 1542	≥ 1,5 MPa
Determination of shrinkage and expansion EN 12617-4	2 MPa
Resistance to carbonation EN 13295	Pass
Elastic modulus EN 13412	18GPa
Thermal compatibility - Part 1: Freeze-thaw cycling EN 13687-1	≥ 1,5 MPa
Capillary absorption EN 13057	≤ 0,5 Kg/(m ² ·h ^{0,5})
Reaction to fire	Class A1
VOC	Not covered by Directive 2004/42/CE

CHARACTERISTICS

Colour range	Grey
Coverage	1.6 kg/m ² per mm of thickness
Mixing Ratio	18% with water 4.5 Litres per 25Kg package
Diluted with	Water
Pot-life of mixture	About 1 hour
Drying time	Under normal conditions, it can be covered after approx. 12-24 hours; however, drying time depends on the environmental conditions
Overpaintable	Compatibility with other products: compatible with all water-based products

APPLICATION

Suitable Substrates:

Repair and skimming of cement-based surfaces. Do not use on gypsum-based surfaces

Preparation of the Substrate:

All substrates should be carefully prepared by manual or mechanical brushing and/or washing. Clean the reinforcement bars with a steel brush, then apply Griptow passivating mortar. Wet the contact surfaces until they are completely soaked: start a few hours before casting to ensure that the pores in the substrate are saturated. Immediately before application, remove any excess water on the surface with compressed air or sponges. Do not apply on gypsum-based substrates, painted surfaces or substrates with low mechanical strength.

Application Procedure:

Mix using 4.25 - 4.5 l water for every 25 kg of product, for 5 minutes using a low speed mixer until the mixture is smooth and free of lumps. Add water as needed to adjust workability.

The total amount of water may vary depending on the weather conditions. Using a mason's trowel or mechanical plastering machine, apply a layer that is not thinner than 3 mm and not thicker than 20 mm. It can be finished with a trowel. Keep the surface of the mortar moist and in any case prevent rapid evaporation of the water content. This operation is particularly important when the weather is hot, dry and windy. On thick vertical surfaces or ceilings, application must be performed in stages to prevent the weight of the material itself from causing "tears" while it is still plastic and thus causing cracks.

Type of Equipment:

spatula, mason's trowel, low speed mixer, mechanical plastering machine

Notes:

Do not apply on surfaces that are in direct sunlight, frozen or very hot. Do not apply when it is very windy or when there is fog or rain. The conditions must last at least 2 days after application.

Ambient Conditions:

min +5°C max +35°C

STORAGE

Packaging:

25kg bags

Duration and Preservation:

1 year on a pallet and when stored in a dry place in undamaged packages at between 5 and 30°C.

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

TECHNOLOGIES/CERTIFICATIONS

