

Marfix-Coat: Colored Plastering

6- Decorative adhesive.

7- Profile adhesive.

DESCRIPTION:

High quality render coat, fast and easy to use, practically crack free, high durability, water and weather resistance in all climatic conditions. It can be used as a plaster coat finishing on walls of blocks, bricks, concrete or prefabricated concrete. This especial mortar is perfect to replace the sand cement plaster and paint, especially in coastal areas. It pureness and freeness of salts like chloride, sulphate, etc. and resists the ultraviolet rays.

USES: Waterproof and decorative finish of interior and exterior walls.

ADVANTAGES:

- 1- Waterproof to rain and permeable to water vapours.
- 2- Good adhesion over traditional substrates, such as brick, concrete blocks, concrete or cement renders.
- 3- Its industrialized manufacturing guarantees stable colour, waterproofing and mechanical characteristics, and assuring constant quality.
- 4- Allows endless possibilities for the craftsman for modulating or piecing of the façade, improving its final appearance.

APPLICATION INSTRUCTIONS

PREPARATION OF THE SURFACE:

The substrate over which MARFIX-COAT is applied must be resistant, having reached the necessary maturity to ensure its stability concerning retraction, settling, movements, etc. Prior to the application the area must be completely cleaned to ensure the elimination of dirt, form stripping oils, grease, paints, etc. It is desirable to have an even surface, removing excesses, filling in voids and cracks, by spreading a levelling layer, to avoid excessive thickness, which apart from uneconomical, may present cracking due to retraction or changes in colour. When the surface is very smooth, it is advisable to give it a certain roughness by chipping or scraping it to improve adhesion. The surface to be coated should not be too dry. With hot weather or if the substrate is very absorbent, dampen prior to application without leaving excess water and wait until it is absorbed.

APPLICATION IN CRITICAL AREAS:

It is advisable to reinforce MARFIX-COAT in all structural joints, joints between different construction materials such as concrete-brick, lintels, decks, boxes for Venetian blinds, rounded shapes, etc., to prevent cracking caused by tensions in these areas. For this purpose, apply a layer of MARFIX-COAT approximately half the final thickness and place while fresh a glass fibre mesh 10 x 10 mm. The mesh should cover at least 20 cm. on either side of the critical area to be covered.

MIXING AND APPLICATION:

The mixing can be done either by hand or mechanically to obtain better homogeneity. Keep a constant proportion of water per bag. Not following this rule may cause differences in colour on the coated surface.

Mix with the (6.5 – 7.5) liters of clean water per 20 kg. Bag, mix for 5 minutes until obtaining a homogeneous mortar. Allow to settle for 10 minutes and apply manually with a trowel or spray with an appropriate machine. Once mixed the time available for placing and levelling is approximately one hour. Spread the mortar over the substrate in a thickness between 2- 3 mm. Level and smooth it.

CAUTIONS:

- 1- Do not apply when there is risk of rain or frost.
- 2- Do not apply over gypsum or over substrates with poor adhesion.
- 3- Do not apply at ambient temperatures below 5°C or above 50°C measured on the substrate.
- 4- When applying above 50°C the following precautions should be taken:
 - Wet the surface prior to the application.
 - Spray water on the mortar applied, at the end of the working day and always before 24 hours pass after the application.

MARFIX-COAT is not a toxic product in its composition, but as any other cement-based product, for its application the usual recommendations for these types of products should be followed.

COLORS:

Available in a major white color and can be done any other color through the coloration of iron oxides.

STORAGE: 12 months in its original closed bags, in a dry covered place.

PACKING: In Poly Propylene bags of 20 kgs.

TECHNICAL DATA

6- Decorative adhesive.

COMPOSITION

Binder:	White Cement and Hydrated lime.
Aggregates:	Graded sand (max. grain size 1.3mm).
Additives:	Contains additives to improve consistency, adhesion, setting Workability, waterproofing and resistance to high temperature

SUBSTRATES

Concrete, fair-faced concrete, render.

APPLICATION

Mixing ratio:	(6-7)L per 20KG
Rec. min. thickness	2mm
Max. Thickness/layer	5mm

TYPICAL PROPERTIES

Appearance:	White powder
Bonding strength:	$>0.3\text{N/mm}^2$
Color:	White
Compressive strength:	$>3.5\text{N/mm}^2$
Consumption per m^2 :	(1.5-1.6) kg/mm^2
Flexural strength:	$>1.5\text{N/mm}^2$
Density	About 1.45 kg/litter in dry powder form. About 1.90 kg/litter when mixed with water.

Standard

The product is checked according to UNE-EN-ISO 9001.

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)

TECHNICAL DATA

7-Profile adhesive.

COMPOSITION

Binder:	White Cement and Hydrated lime.
Aggregates:	Graded sand (max. grain size 2.0mm)
Additives:	Contains additives to improve consistency, adhesion, setting Workability, waterproofing and resistance to high temperature

SUBSTRATES

Concrete, fair-faced concrete, render.

APPLICATION

Mixing ratio:	(6-7)L per 20KG
Rec. min. thickness	2mm
Max. Thickness/layer	3mm

TYPICAL PROPERTIES

Appearance:	White powder
Bonding strength:	$>0.3\text{N/mm}^2$
Color:	White
Compressive strength:	$>3.5\text{N/mm}^2$
Consumption per m^2 :	(1.5-1.6) kg/mm^2
Flexural strength:	$>1\text{N/mm}^2$
Density	About 1.45 kg/litter in dry powder form. About 1.90 kg/litter when mixed with water.

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