

DEC 480 PUTTY MATERIAL FOR INDOOR & OUTDOOR USE

DESCRIPTION

The DEC 480 product is a one-component white mortar, of cement type basis, with superthin limestone aggregates (marble) of superior whiteness and of chosen granulometry, suitable to putty internal and external surfaces. It has a very good adhesion to the substrate, dries quickly and is

easily rubbed. It does not create lumps, lines or cracks after drying. It does not prevent the walls transpiration, and provides a perfectly smooth and white surface. It contains appropriate modified polymers which improve the workability of the mortar and its strengths.

FIELDS OF APPLICATION

It abolishes the traditional putties and oil putties. The final surface it produces is smooth and ready to be painted or attach wallpaper. It is applied on internal and external surfaces on:

- concrete

- plaster
- cement mortar and generally
- on solid surfaces without large lumps.

ADVANTAGES - CHARACTERISTICS

- It abolishes the traditional putties and oil putties
- It is produced with super white limestone aggregates
- It produces a perfectly white surface
- It allows the surfaces to breathe
- Strong adhesion on the substrate

- Excellent workability and thixotropic behaviour
- It remains on the surface of the structural element without pouring
- Strong resistance – Rapid application
- Produced and controlled according to the EN 998-1 European standard

SUBSTRATE PREPARATION

Make sure that the surfaces are clean and free from frail materials. Remove any old plaster residues.

On very absorbent surfaces, it is necessary to first prime coat with the GLX 290 THRAGON acrylic primer.

APPLICATION

In a clean container add 6-7 litres of clean water and gradually empty the content of the bag while mixing continuously, in order to produce a homogenous mass of mortar. The produced mixture is ready to use 10 minutes after mixing.

The application can be completed in two layers. The second layer is applied after the first one has dried (after 2-3 hours). After 6-12 hours the surface is smoothed and ready to be painted.



MODIFICATION

If during the preparation of the mixture you add 1-2 kg/sac of GLX 296 emulsion and the necessary quantity of water, the workability is significantly improved and product characteristics, like the following, are enhanced:

- resistance
- shrinkage
- attachment on various surfaces
- flexibility
- resistance to frost
- impermeability
- resistance to friction
- resistance to acids

CLEANING OF TOOLS AND MACHINES

With plenty of water immediately after use.

PACKAGING – STORAGE

The product is packaged in 25Kg valve paper bags and it is stored in palettes and in a dry environment. For 12 months from the production date.

THE APPLICATION IS NOT RECOMMENDED

It is not recommended to use the material under environmental conditions of frost or extreme heat.

PRECAUTIONS

The DEC 480 product contains cement and reacts with water to produce an alkaline solution. For this reason protect your eyes and skin. In case of contact rinse with plenty of water. In case of contact with eyes seek medical advice immediately.

Read the information on the label and in the product's Technical Brochure before use. Wear appropriate protective clothing and gloves. The product's Safety Sheet is available to professionals upon request.

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.



ACCORDING TO THE EN 998-1 EUROPEAN STANDARD

TECHNICAL CHARACTERISTICS	UNITS	STANDARD	VALUE
Appearance			Dry powder
Color			White
Thickness of application	(mm)		1-2
Application temperature	(°C)		+5 to +35
Strength temperature	(°C)		-30 to +90
Reaction to fire	(% organics)		≤1,0
Maximum granule	(mm)		0,1
Maturing time	(min)	EN 1015-9	5
Working time	(h)	EN 1015-9	3
Painting after	(h)		6-12
Specific gravity of dry mortar	(Kg/l)		0,85 – 0,95
Density of mixture	(Kg/l)	EN 1015-6	1,40 – 1,50
Compressive strength	(N/mm ²)	EN 1015-11	≥5,0
Bending strength	(N/mm ²)	EN 1015-11	≥2,5
Consumption	(Kg/m ² /mm)		1,2
Mixing water ratio	(ml water / 100g of dry mortar)		30-35

Note: The measurements were taken in laboratory environment under a temperature of +23°C, Relative humidity 50 % and without ventilation. It is possible for them to vary depending on the conditions prevailing at the worksite, such as temperature, humidity, ventilation, absorbability of the substrate.

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