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SCHEDA TECNICA



RS 400 Extra 0-3

MINERAL-BASED COATING FOR
"DOUBLE FLOAT" FINISH



PRODUCT

Waterproofed, fibre-reinforced mineral-based colored levelling grout, for "double float" finish and decoration of ready-mixed or traditional rough base-coat plasters Indoor/Outdoor.

CHARACTERISTICS

Highly workable, practical and economical to use, it has very good adhesion to the substrates, good transpiration, significant mechanical resistance and weather resistance, durability and high yields. Available in 18 standard colors. High UV stability.

APPLICATION FIELDS

Interior and exterior "double float" levelling and finishing" of buildings for civil and industrial use.

SUBSTRATES

Pre-mixed or traditional rough plaster cement-based substrate and new or seasoned lime.

On surfaces in plaster, gypsum or similar, previously use the Primer RM 25 then apply a smoothing compound once the primer has dried up. On smooth concrete substrates apply preventively the adhesion primer Edilcol RM 30, while still wet. In case of non homogeneous substrates insert the mesh HT 160 between the two coats of levelling grout.

CONSUMPTION

4,0 - 5,0 kg/sqm for about 4 mm of thickness.

PACKAGING

25 kg bags on pallets of 1500 kg.

STORAGE

12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

The levelling of the irregularities and the colored finishing at "double float" of cement based and lime based plasters, must be carried out with a specific levelling grout such as RS 400 Extra 0-3 by Edilcol Italia, mixed only with water and applied in two coats, having a compressive strength ≥ 12 N/sqmm after 28 days.



Cert. n. 27395-2008-AQ-ITA



Cert. n. 1982-CPR-059/471



Polizza n. 70023

PREPARATION

- Check that the substrates are clean, resistant, rough and uniform.
- In order to make the color uniform, apply a suitable primer.
- Mix a bag of RS 400 Extra 0-3 with about 6 - 7 liters of water, either manually or with a mixer at a low numbers of turns, until obtaining a homogeneous and plastic mixture.
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APPLICATION

- Let it rest for about 10 minutes and stir it again briefly before applying in 2 coats of 3 - 4 mm per coat, after 4 hours from each other, with a metal trowel on wet substrate.
- Finish with a sponge float, dampened with water if necessary, until obtaining a homogeneous surface.
- It is a good practice to apply the water repellent KD 390 for an extra protection and ease of cleaning of the coating, at complete work.

RECOMMENDATIONS

Do not apply to dry, inconsistent, crumbly, dirty, or painted substrates.

Avoid the outdoor application in hot or very windy days, on substrates during frozen or thawing phase, with frost risk in the next 24 hours and at temperatures below of +8 °C or higher than +30 °C (below of +5 °C or higher than +35 °C if white color).

For the colored and external levelling applications it is necessary to protect it from the wind, rain and direct sunlight, in the first five days.

For a greater uniformity of color avoid the excessive split of the application with different materials and installation conditions.

Although the details contained in this product report correspond to the best of our current experience, all the above information must be confirmed after practical applications. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of product. The values given in the technical data derived from tests conducted in laboratory, in a controlled environment, so they may be greatly modified by the conditions of installation.

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Appearance:	colored powder	
Composition:	cement, lime, selected aggregates, resins, additives, inorganic pigments	
Granulometry:	≤ 3 mm	
Application temperature:	5°C / + 35°C (white) 8°C / + 30°C (other colors)	
Mixing water:	≈ 26 %	
Bulk density of fresh mortar:	≈ 1,8 Kg/l	(EN 1015-6)
Bulk density of the dried mortar:	≈ 1,6 Kg/l	(EN 1015-10)
Pot life:	≈ 2 h	
Levelling thickness:	3 - 4 mm per coat	
Coats number:	2 coats	
Waiting time for the second coat:	≈ 4 hours (at occurred shrinkage)	
Waiting time for painting:	≈ 20 days	
Compressive strength:	≥ 12 N/sqmmq - Category CSI	(EN 1015-11)
Flexural strength:	≥ 4,5 N/sqmm	(EN 1015-11)
Adhesion - FP on concrete:	≥ 1,5 N/sqmm - B	(EN 1015-12)
Water absorption by capillarity:	≤ 0,2 Kg/(sqm min ^{0,5}) - W2	(EN 1015-18)
Permeability to water vapor μ:	15/35 (tabulated value)	(EN 1745)
Thermal Conductivity (λ _{10,dry}):	0,67 (tabulated value)	(EN 1745)
Reaction to fire:	Class A1	(EN 13501)
Contribution to smoking:	none	
Hazard classification:	none	(EC 99/45)