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per grandi progetti.

SCHEDA TECNICA



RS 400

CEMENT-BASED LEVELLING
GROUT FOR "FINE FLOAT"
FINISH



PRODUCT

Fibre-reinforced cement-based levelling grout for "fine float" finish of ready mixed or traditional indoor/outdoor rough plasters.

CHARACTERISTICS

Highly workable, practical and economical to use, it has very good adhesion to the substrate, good transpiration, significant mechanical resistance and weather resistance, durability and high yields. It is paintable.

APPLICATION FIELDS

Interior and exterior "fine 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 thin mesh HT 70 between the two coats of levelling grout.

CONSUMPTION

4,0 - 5,0 kg/sqm for about 3 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 finishing at "fine float" of traditional or pre-mixed cement plasters, must be carried out with a specific levelling grout such as RS 400 by Edilcol Italia, mixed only with water and applied in two coats, having a compressive strength ≥ 3.5 N / sqmm after 28 days.



Cert. n. 27395-2008-AQ-ITA



Cert. n. 1982-CPR-059/471



Polizza n. 70023

PREPARATION

- Make sure that the bricks to be assembled are clean and free of dust.
- Always dampen the seasoned, dried or placed for over 48 hours substrates.
- Mix a bag of RS 400 with about 5 - 6 liters of water, either manually or with a mixer at a low numbers of turns, until obtaining a homogeneous and plastic mixture.

APPLICATION

- Let it rest for about 10 minutes then stir it again briefly before applying in 2 coats of 1-2 mm per coat, after 1 hour 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.

RECOMMENDATIONS

Do not apply to dry, inconsistent, crumbly, dirty, or painted substrates. Do not apply directly on concrete or plaster substrates.

On old plaster or for the restoration of old smoothing mix the RS 400 with the Nuovo Fix 82 diluted with approximately 20% of water or use the special smoothing Monocem RS. 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 +5 ° C to +35 ° C.

Protect from rain during the first 48 hours.

Not suitable for heavy coatings.

Wait for the complete maturation of the levelling before proceeding to an eventual painting.

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.

DATI TECNICI

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Appearance:	grey, white powder	
Composition:	cement, lime, selected aggregates, resins, additives	
Granulometry:	≤ 0,6 mm	
Application temperature:	+ 5°C / + 35°C	
Mixing water:	≈ 23 %	
Bulk density of fresh mortar:	≈ 1,7 Kg/l	(EN 1015-6)
Bulk density of the dried mortar:	≈ 1,5 Kg/l	(EN 1015-10)
Pot life:	≈ 2 hours	
Levelling thickness:	1 - 2 mm per coat	
Coats number:	2 coats	
Waiting time for the second coat:	≈ 2 hours (at occurred shrinkage)	
Waiting time for painting:	≈ 20 days	
Compressive strength:	≈ 4 N/sqmm - Category CSIII	(EN 1015-11)
Flexural strength:	≈ 1,5 N/sqmm	(EN 1015-11)
Adhesion - FP:	≥ 0,5 N/sqmm - B	(EN 1015-12)
Water absorption by capillarity:	Category W0	(EN 998-1)
Permeability to water vapor μ:	5/20 (tabulated value)	(EN 1745)
Thermal Conductivity (λ _{10,dry}):	0,54 (tabulated value)	(EN 1745)
Reaction to fire:	Class A1	(EN 13501)
Contribution to smoking:	none	
Hazard classification:	none	(EC 99/45)