Deumix Finitura

LIGHTWEIGHT MINERAL SMOOTH PLASTER, HIGHLY BREATHABLE, FINE-GRAINED, FOR PROFESSIONAL USE, GUARANTEED FOR RESTORATION, DEHUMIDIFYING AND TWO-COAT PLASTER FINISHING. VERY HIGH PERMEABILITY TO WATER VAPOUR, HIGHLY WATER REPELLENT, EXCELLENT MECHANICAL RESISTANCES. FOR INDOORS AND OUTDOORS.

EN 998-1

GP-CS III
EN 998-1

HIGH PERFORMANCE COLMEF SPECIALIST

TECHNICAL DATA SHEET – REV. 01/2024

DESCRIPTION

DEUMIX FINITURA is a mortar consisting of hydraulic binders and selected natural aggregates, formulated for finishing indoor and outdoor plasters made of dehumidifying lightweight mineral plaster, such as DEUMIX PRONTO NHL 3,5. Mixed with water, it becomes a highly workable mortar of plastic consistency. Once hardened, it is characterised by excellent breathability and water repellency, good mechanical performance and good resistance to both weathering and pollutants.
Maximum applicable thickness 5 mm.

Complies with European Standard EN 998-1 for general purpose mortars for indoor/outdoor rendering (GP) · Compressive strength class III (CS III).

FIELDS OF APPLICATION

DEUMIX FINITURA is used for the finishing smoothing coat of dehumidifying plasters made with DEUMIX PRONTO NHL 3,5 plaster in dehumidification works to achieve a fine, homogeneous finish. It can also be used for levelling and smoothing the finish of old plaster that has been degraded by atmospheric agents, provided it has been perfectly cleaned of traces of previous paint or decorative coatings.
DEUMIX FINITURA can be applied to normal lime-cement based plasters or renovation products without inhibiting their breathability characteristics and can be used for finishing smoothing of new plasters on brick, stone, blocks and tuff masonry.

SUBSTRATE PREPARATION

New substrates or those made with dehumidifying lightweight mineral plaster such as DEUMIX PRONTO NHL 3,5 must be homogeneous and sufficiently cured. Any surface treatment that could compromise the adhesion of the smoothing coat must be removed from the old substrate. Before application, saturate the surface to be treated, avoiding stagnation or accumulation of water.

APPLICATION

Pour approx. 6.5 litres of clean water per 25 kg bag of DEUMIX FINITURA into a clean container or concrete mixer and mix for a few minutes until a homogeneous, lump-free mixture is obtained. Apply the smoothing coat manually with a metal trowel in two coats for a total thickness of max. 5 mm. Before applying the second coat, wait until the first has

hardened sufficiently. Finishing can be done before hardening with a trowel or sponge, depending on the type of finish desired.

YIELD

1.4 kg/m^2 per mm of thickness.

RECOMMENDATIONS

- After application of DEUMIX FINITURA, avoid too rapid evaporation of the mixing water.
- Apply the product at temperatures between +5°C and +35°C.
- Do not operate in frost, strong wind, heavy rain or in direct sunlight.
- Do not apply on plaster or plasterboard substrates.
- Do not add cement or other binders to the mix.

PACKAGING

DEUMIX FINITURA is available in 25 kg polyethylene coated paper bags on 1500 kg pallets. Store the product in a dry place and in its original packaging, well closed. In these conditions its stability lasts at least 12 months.

SAFETY INSTRUCTIONS

The product contains cement that, in contact with body perspiration, produces an irritant alkaline and sensitizing reaction for the skin. Use suitable clothing, gloves and protective glasses.
Refer to the respective Safety Data Sheet for more information about how to use the product safely.

SPECIFICATIONS

Finishing smoothing of dehumidifying plasters made with highly breathable plaster, such as DEUMIX PRONTO NHL 3,5 by COLMEF Srl, by applying a lightened, highly breathable, fine-grained mineral skimming plaster with very high water vapour permeability, high water repellency, excellent mechanical resistance, in compliance with Standard EN 998-1 for general purpose mortars for indoor/outdoor plastering of class CS III, such as **DEUMIX FINITURA** by COLMEF Srl. The smoothing coat will be applied with a trowel, sponge or smooth metal trowel depending on the desired degree of finish, for a maximum thickness of 5 mm with a consumption of 1.4 kg/m^2 per mm of thickness.

TECHNICAL DATA

Compliant with Standard:	**EN 998-1**
Class:	**GP-CS III**
Appearance:	powder
Colour:	grey
Volume mass EN 1015-10 (kg/m^3):	1314
Mixing ratio:	~ 6.5 litres of water per 25 kg of powder
pH value:	≥ 12
Maximum grain size (mm):	0.6
Maximum achievable thickness (mm):	5
Waiting time for finishing:	7 days
Resistant to ageing:	excellent
Allowed application temperature:	from +5 °C to +35 °C
Operating temperature:	from -30 °C to +90 °C

FINAL PERFORMANCE according to EN 998-1 Class GP-CS III

	Requirements	Results	Test method
Compressive strength at 28 days (N/mm^2):	CS I (0.4 to 2.5) CS II (1.5 to 5.0) CS III (3.5 to 7.5) CS IV (≥ 6)	≥ 4.95 (Cl. CS III)	EN 1015-11
Flexural strength (N/mm^2):	-	2.22	EN 1015-11
Adhesion to the substrate (N/mm^2):	declared value and failure mode	≥ 0.32 (FP) b	EN 1015-12
Capillary water absorption ($kg/m^2min^{0.5}$):	W_C 0 (not specified) W_C 1 (c ≤ 0.40) W_C 2 (c ≤ 0.20)	W_C 0	EN 1015-18
Compressive strength at 28 days (N/mm^2):	-	< 9.5	EN 1015-19
Thermal conductivity (W/mK):	-	$\lambda_{(10,dry)}$ = 0.362	EN 1745

DATA DETECTION AT +23°C - 50% R.H. AND IN ABSENCE OF VENTILATION

The information in this bulletin is based on our best experience. We cannot be held liable for any product misuse. We therefore recommend anyone who intends to use this product to assess whether it is suitable for the intended application and to perform preliminary tests in any case. Always refer to the latest updated version of the technical data sheet available at www.colmef.com.

FOR MORE INFORMATION OR PARTICULAR USES, CONTACT THE COLMEF TECHNICAL SUPPORT DEPARTMENT.

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