



BETON RINZAFFO

Breathable
render/key coat
with high adhesive power



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PRODUCT DESCRIPTION

BETON RINZAFFO is a high adhesive, breathable, ready to use mineral render/key coat for manual or mechanical application. The product promotes the adhesion of render/plaster on old walls, on mixed masonry, stone, concrete and in general, on mineral, smooth and low absorbent supports.

COMPOSITION

BETON RINZAFFO is a premixed powder, formulated with special hydraulic binders, selected and measured calcareous aggregates, which improve the product quality in terms of workability and adhesion to supports.

MIXING AND APPLICATION

BETON RINZAFFO can be applied by mechanical projection, using plastering machine for pre-mixed products, or by hand. The supports to be plastered must be homogeneous, stable, clean, fixed, free of brittle parts, dust, bacterial proliferation, saline efflorescence, oils, grease, wax, residues of previous work, etc. If necessary, clean the supports by sandblasting or pressure washing.

For manual application, mix the product by adding 4.5-5.5 litres approx. of clean water per 25 kg bag in a cement mixer. Put the correct amount of water into the cement mixer, then add the powder. Mix the product for about 2'-3' minutes until the mixture is smooth and free of lumps. Apply the product with a trowel as a traditional render mortar. The mixed product is usable within 90' minutes of mixing with water.

Apply the product making sure to cover at least 60-70% of the supports to be treated. Leave the layer applied unrefined, avoid levelling in order to increase and create a better hold for the following layer of plaster. The plaster application should be done within 24 and 48 hours after application of base coat.

COVERAGE

5-8 kg per m².

COLOUR

Grey.

PACKAGING

25 kg bags on disposable 1575 kg pallet (63 bags) protected by waterproof plastic wrap.

STORAGE & SHELF LIVE

12 months from date of manufacture if stored in unopened original packaging in a dry and frost-free place

RECOMMENDATIONS

Do not apply at temperature below + 5°C, in the presence of strong wind, rain and under direct sunlight or above + 35°C. At high temperatures, it is recommended to evenly wet the supports before applying the product. Do not apply on frozen, dusty, uneven and inconsistent supports. Thickness should be from 5 to 10 mm. Avoid application on gypsum-based substrates or mineral and organic insulating panels. Protect applied product from frost, rain and rapid drying for the first 24 hours after application.

PRODUCT DATA

<i>Appearance</i>	Powder	
<i>Colour</i>	Grey	
<i>Dry bulk density</i>	~ 1570 kg/m ³	EN 1015-10
<i>Maximum aggregate size</i>	≤ 1.5 mm	

APPLICATION DATA

<i>Water content of mix</i>	18-22%
<i>Mixing ratio</i>	1 bag + 4.5-5.5 l of water
<i>Minimum application temperature</i>	+ 5°C
<i>Maximum application temperature</i>	+ 35°C
<i>Working time</i>	≥ 90' minutes

PERFORMANCE DATA

<i>Bulk density of fresh mortar</i>	~ 1700 kg/m ³	EN 1015-6
<i>Bulk density of hardened mortar</i>	~ 1400 kg/m ³	EN 1015-10
<i>Adhesion</i>	≥ 0,15 N/mm ² (FP) B	EN 1015-12
<i>Air content</i>	21%	EN 1015-7
<i>Consistence of fresh mortar</i>	180 mm	EN 1015-3



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<i>Compressive strength</i>	≥ 6,0 N/mm ² CS IV	EN 1015-11
<i>Flexural strength</i>	≥ 2,0 N/mm ²	EN 1015-11
<i>Capillary water absorption</i>	W0	EN 1015-18
<i>Water vapour permeability coefficient</i>	≤ μ 15	EN 1015-19
<i>Thermal conductivity</i>	0.45 W/mK (tab. mean value; P=50%)	EN 1745, A.12
<i>Specific heat capacity</i>	1.0 kJ/kgK	EN 1745, A.12
<i>Reaction to fire</i>	A1 Class	EN 13501-1
<i>Durability</i>	Evaluation based on provisions valid in the intended place of use of the mortar	EN 998-1
<i>Hazardous substances</i>	See MSDS	EN 998-1

ACCORDING TO



EN 998-1

General purpose rendering/plastering mortar (GP) for internal/external use

The management system has been certified according to:

EN ISO 9001
EN ISO 14001
BS OHSAS 18001

Product for professional use. The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site www.vimark.com.



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