



## BETON RINFAZZO

*Stipple render used as preparatory key coat*



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# BETON RINZAFFO

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## DESCRIPTION

High adhesive ready to use sand and cement stipple render, used as preparatory key coat before the application of render. The product promotes the adhesion of render 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.

## SUBSTRATE PREPARATION / PRE-TREATMENT

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.

## MIXING AND APPLICATION

It can be applied by mechanical projection, using plastering machine or by hand.

For manual application, mix the product by adding 4.5-5.5 litres approx. of clean water per 25 kg bag. Mix the product for about 2-3 minutes until the mixture is smooth and free of lumps. The mixed product is usable within 90 minutes of mixing with water. Apply with a hawk and trowel as a traditional render mortar. Texture the surface using a well loaded roller. Leave the layer applied unrefined, avoid levelling in order to increase and create a better hold for the following layer of render. The render application should be done within 24 and 48 hours after application of base coat.

## TOOL CLEANING

Clean all equipment and tools with water immediately after use. The hardened material can only be removed by physical scraping.

## YIELD / CONSUMPTION

5-10 kg per m<sup>2</sup>.

## COLOR

Grey.

## PACKAGING

25 kg bags on disposable pallets of 1575 kg (63 bags) protected by plastic stretch wrap.

## EXPIRATION / CONSERVATION

12 months from the date of production.

Keep the product in its original packaging, intact and protected from moisture and frost.

## WARNINGS

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 <sup>3</sup>	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	

## TECHNICAL DATA

▪ <i>Bulk density of fresh mortar</i>	~ 1700 kg/m <sup>3</sup>	EN 1015-6
▪ <i>Bulk density of hardened mortar</i>	~ 1400 kg/m <sup>3</sup>	EN 1015-10
▪ <i>Adhesion</i>	≥ 0,15 N/mm <sup>2</sup> (FP) B	EN 1015-12
▪ <i>Air content</i>	21%	EN 1015-7
▪ <i>Consistence of fresh mortar</i>	180 mm	EN 1015-3
▪ <i>Compressive strength</i>	≥ 6 N/mm <sup>2</sup> CS IV	EN 1015-11
▪ <i>Flexural strength</i>	≥ 2 N/mm <sup>2</sup>	EN 1015-11
▪ <i>Capillary water absorption</i>	W0	EN 1015-18
▪ <i>Water vapour permeability coefficient</i>	≤ μ 15	EN 1015-19





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**ENVIRONMENT,  
HEALTH, AND  
SAFETY(REACH)**

▪ <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

For further information and advice on the handling, storage and safe disposal of the material, the user must consult the latest version of the Safety Data Sheet (SDS) available on the Internet, at [www.vimark.com](http://www.vimark.com), which contains information on the physical characteristics, ecological and toxicological products, together with other safety information.

Product complies with the provisions of the Regulation (EC) no. 1907/2006 (REACH) and Annex XVII, item 47 and subsequent amendments and additions.

## PRODUCT FOR PROFESSIONAL USE.

**COMPLIANCE**

	<p><b>EN 998-1:2016</b> General purpose rendering/plastering mortar (GP) for internal/external use GP-CS IV-W0</p>
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## LEGAL NOTES

The data and prescriptions shown in this sheet, based on the best practical and laboratory experience, refer to laboratory tests and are to be considered in any case as indicative. The information and, in particular, the instructions concerning the application and final use of Vimark products are provided in good faith based on the current knowledge and experience of Vimark on the products provided they are properly stored, handled and used under normal conditions and observing Vimark's recommendations. Considering the different conditions of use and external factors that are independent of Vimark (support, environmental conditions, laying technique directions, etc.), those wishing to use them must therefore decide whether or not the product is suitable for use. Our warranty guarantee is therefore limited to the quality and consistency of the same with regard to the finished product, and exclusively for the above reported data. The company Vimark reserves itself the right to make technical changes without prior notice. Users must always refer to the latest version of the local data sheet relating to the product in question, copies of which will be provided upon request. This technical sheet cancels and replaces all previous editions. Any updates are published on the website [www.vimark.com](http://www.vimark.com).



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