



RASO BS100

Fine skim coat for
internal and external use

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RASO BS100

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PRODUCT DESCRIPTION

RASO BS100 is a fine skim coat for a smooth effect on both new and existing internal and external surfaces. The special formula makes it suitable to fill, skim and level residential and industrial surfaces with manual application. Ideal for uniform and smooth finishes on traditional or pre-mixed plasters based on lime and cement, prefabricated panels, concrete slabs, etc.

The product is white with a good mechanical resistance and surface adhesion, it is easy to sand and allows to level with two or more coats irregularities of up to 2 mm.

COMPOSITION

RASO BS100 is premixed with special hydraulic binders, aerial lime, finely selected and appropriately dosed aggregates and specific additives that improve the quality of the product in terms of workability and adhesion to substrates.

SUBSTRATES

Before applying check that the surfaces are regularly absorbent, coplanar, solid, free of weak parts, dust, bacterial proliferations, saline efflorescence, oil, grease, wax, residues from previous work etc. and not subject to movement or shrinkage. When applying at high temperatures it is essential to wet the surfaces previously with water.

On particularly stressed surfaces in order to limit surface cracks from forming, it is advisable to apply a reinforced coating cycle by applying **RASOLITE** and the reinforcing mesh **ARMANET 4x4**.

RASO BS100 can be applied on both new or existing traditional or pre-mixed lime and cement plaster, prefabricated panels, concrete slabs, etc. To limit and uniform the absorption of extremely porous and absorbent substrates, or for applications on gypsum or plasterboard, apply previously a coat of **PRIMER ACRILICO**. The primer must be applied to the entire surface at least 12 hours before applying **RASO BS100**.

MIXING AND APPLICATION

Mix a 20 kg bag of **RASO BS100** with approximately 9.5-10 litres of clean water using an electric mixer until smooth and lump free. Allow to rest for 2-3 minutes then remix briefly before use. The mixed product is usable for up to three hours. Do not add water or mix to use beyond this period

Apply the skim coat using a large American trowel with horizontal and vertical cross-strokes taking care to spread it evenly and levelling any small differences in the substrate until the desired appearance is achieved. The product is to be applied in two or more coats up to a maximum thickness of 2 mm.

Apply subsequent coats before the previous layer is completely dry. After drying, depending on the type of finish desired, the surface can be sanded. Paint or wallpaper can be added once completely dry.

COVERAGE

0.6-0.7 kg per m² per mm of thickness.

28-33 m² @1 mm/20 kg bag.

COLOUR

White.

PACKAGING

Bags of 20 kg on disposable pallet of 1260 kg (63 bags) protected by plastic wrap.

STORAGE & SHELF LIFE

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

PRECAUTIONS

Avoid application with temperatures of below + 5°C, or above + 30°C. In high temperatures and new substrates of more than 72 hours, it is advisable to wet the surface evenly with water before applying the skim coat. Do not apply to surfaces that are frozen, dusty, unstable or inconsistent. Apply a thickness of up to 2 mm of product. Do not apply directly to gypsum-based substrates. Do not apply on expanded panels of mineral and organic nature. Protect the applied product from freezing, rain and rapid drying for the first 24 hours after application. Wait for complete drying before painting or decorating.

PRODUCT DATA

<i>Appearance</i>	Powder	
<i>Colour</i>	White	
<i>Powder density</i>	~ 1000 kg/m ³	EN 1015-10
<i>Maximum aggregate size</i>	≤ 0.1 mm	



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APPLICATION DATA

<i>Water ratio</i>	47-50%
<i>Mixing ratio</i>	1 bag + 9.5-10 l of water
<i>Minimum application temperature</i>	+ 5°C
<i>Maximum application temperature</i>	+ 30°C
<i>Working time</i>	≥ 120 minutes

TECHNICAL PERFORMANCE DATA

<i>Density of fresh mortar</i>	~ 1350 kg/m ³	EN 1015-6
<i>Density of hardened mortar</i>	~ 1200 kg/m ³	EN 1015-10
<i>Adhesion</i>	≥ 0.15 N/mm ² (FP) B	EN 1015-12
<i>Compressive strength</i>	≥ 1.0 N/mm ² CS I	EN 1015-11
<i>Flexural strength</i>	≥ 0,5 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>	0.33 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>	Class A1	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 MDS	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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