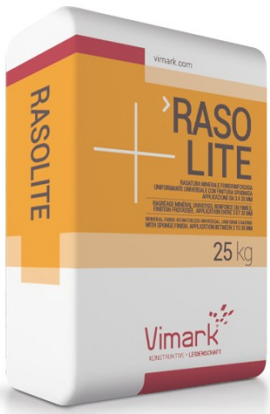
Vimark®

RASOLITE

Mineral fibre-reinforced
universal uniform coating
with sponged
finish



GP
EN 998-1
CE

konstruktive · **leidenschaft**

Strada Spartafino, 2
12016 Peveragno (CN)

ph. +39 **0171 38.38.00**
Fax +39 **0171 33.93.95**

info@vimark.com
www.vimark.com

PRODUCT DESCRIPTION

RASOLITE is a fibre-reinforced mineral coating, specific to uniform and compensate existing surfaces, levelling with one or more coats, irregularities of between 3 to 30 mm.
Its high adhesion properties and workability make it an ideal coating product to unify multiple existing surfaces and/or poorly absorbent such as concrete, thick plastic insulation panels, mineral coating, painted surfaces, traditional renders/plasters etc.
Its application allows both protecting, level and finishing of surfaces treated with a final sponged affect.
The product is designed for manual or mechanical application of both external and internal surfaces.

COMPOSITION

RASOLITE is a premixed skim coat which contains lime and special hydraulic binders, calcareous aggregates selected and measured, fibres and specific additives that improve the quality of the product in terms of workability and adhesion to surface.

MIXING AND APPLICATION

The surfaces to be treated must be homogeneous, stable, clean, solid, free of dust, bacterial proliferation, saline efflorescence, oils, grease, wax, residues of previous work etc. If necessary, perform a preventive cleaning by sandblasting or pressure washing.
Before applying RASOLITE, make sure that surfaces are solid and weathered, and that they are not subject to movement or shrinkage.
In order to test the tensile strength of surfaces, it is advisable to make an adhesion test on the existing coatings.
Mix a bag of RASOLITE 25 kg with about 7,0-8,0 liters of clean water using an electric mixer until it is smooth and free of lumps. Leave it for about 2-3 minutes and mix again before applying. The prepared product is usable for about one hour. Do not add water or mix to use again after this time frame.
This product can also be applied using a continuous plaster machine.

SPONGED FINISH

Apply the coating in horizontal and vertical strokes with a large trowel, until the required thickness has been obtained. After having applied all base coats of the product, the final coat should be applied in a thin and constant layer, which should be finished with a sponge trowel in order to obtain a sponged finish.
Decorative paint or wallpaper can be applied once the product has dried.

APPLICATION ON NON HOMOGENEOUS OR CRACKED SURFACES

Apply first coat in horizontal and vertical strokes with a large trowel, until the required thickness has been obtained. Cover with RASOLITE from top to bottom with the certified fiberglass reinforced mesh ARMANET 4x4, making sure to overlay each strip by approx. 10 cm.
Setting phase completed, apply a second hand of coating to unify the whole surface. During the final layer, a constant thickness and smoothness must be applied using a sponge trowel to obtain a sponged finish.
Decorative paint or wallpaper can be applied once the product has dried.

INDICATIVE AMOUNTS REQUIRED

1,5 kg per m^2 per mm of thickness.

COLOUR

White.

PACKAGING

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

STORAGE

12 months in original intact packaging and stored in a dry place.

RECOMMENDATIONS

Do not apply in temperatures inferior of + 5°C, in the presence of strong wind, rain or in direct sunlight or temperatures of above + 35°C.
Do not apply to surfaces that are frozen, dusty, inconsistent or unstable.
Apply a thickness of between 3 and 30 mm.
Do not apply directly to gypsum-based surfaces, fibre cement or expanded mineral and organic panels.
Do not use to apply or coat External Insulation System.

PRODUCT DATA

Appearance	powder	
Colour	white	
Dry bulk density	~ 1300 kg/m^3	EN 1015-10
Maximum aggregate size	≤ 1.0 mm	

APPLICATION DATA

Water content of mix	28-32%	
Mixing ratio	1 bag + 7.0-8.0 ℓ of water	
Minimum application temperature	+ 5°C	
Maximum application temperature	+ 35°C	
Working time	≥ 60' minutes	

PERFORMANCE DATA

Bulk density of fresh mortar	~ 1700 kg/m^3	EN 1015-6
Bulk density of hardened mortar	~ 1400 kg/m^3	EN 1015-10
Adhesion	≥ 0.25 N/mm^2 (FP) B	EN 1015-12
Air content	14%	EN 1015-7
Compressive strength	≥ 1.0 N/mm^2 CS I	EN 1015-11
Flexural strength	≥ 0.4 N/mm^2	EN 1015-11
Capillary water absorption	≤ 0.4 kg/m^2 x $min^{0.5}$ W1	EN 1015-18
Water vapour permeability coefficient	≤ μ 15	EN 1015-19
Thermal conductivity	0.47 W/mK (tab. mean value; P=50%)	EN 1745, A.12
Specific heat capacity	1.0 kJ/kgK	EN 1745, A.12
Reaction to fire	A1 Class	EN 13501-1
Durability	Evaluation based on provisions valid in the intended place of use of the mortar	EN 998-1
Hazardous substances	See MSDS	EN 998-1

ACCORDING TO

CE

EN 998-1
General purpose rendering/plastering mortar (GP) for internal/external use

REMARKS

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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