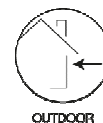


RIVASIL G12

Technical Sheet - Ed. 04/2022



COMPANY WITH QUALITY MANAGEMENT SYSTEM CERTIFIED



OUTDOOR



WATER BASED



TROWEL

Mineral coating with silicates - 1.2mm

DESCRIPTION

Continuous thick mineral coating formulated with alkaline silicate in accordance with DIN 18363. Formulated to guarantee vapour permeability, resistant to bad weather, light and pollutants in general. It differs from normal continuous plastic coatings because it achieves a full, uniform surface. For indoor use. For professional use.

MAIN PROPERTIES

- Maximum vapour permeability
- Silicizes the substrate
- Inert to flames



BREATHABLE



MINERAL

TECHNICAL DATA

Classification UNI 8681	Plastic coating for continuous application - natural granules - G2 - Skimmed - R2 - S2
Film aspect EN 13300	Matt G3 (≤ 10 gloss 85°)
Maximum granulometry EN 1062	1.2mm
Specific weight	1800 \pm 50 g/l
pH	>11
Type of binder	Inorganic Silicate
Solid content	83 \pm 2 %
Vapour permeability EN 1062	Sd 0.13 \pm 0.02 m; Class V1 High
Water absorption EN 1062	0.16 \pm 0.02 Kg/(m ² h0,5); Class W2 Medium
Strength adhesion EN 1542	> 0,7 MPa
Thermal conductivity EN 1745	$\lambda=0,93$ W/(mK)
Drying time	Under standard environmental conditions, it can be overpainted after 24 hours. In case of low temperatures or high humidity, drying times can vary considerably.
Reaction to Fire EN 13501-1	A2 - s1, d0
VOC	Cat A/c: limit 40 g/l (2010) This product contains a maximum of 40 g/l of VOCs

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CHARACTERISTICS	
Coulour range	White and Colours can be achieved with the You Color tinting system
Coverage	With the application of 1 coat: 2.2 Kg/m ²
Coverage per pack	(25Kg): 11.4 m ² , approx. Coverage varies according to the roughness of the substrate.
Dilution	ready to use; add a little water if necessary to achieve the right consistency
Diluted with	Water
Overpaintable	Compatibility with other products: with mineral paints or coatings and with alkali-resistant water-based paints

APPLICATION

Suitable Substrates:

Cement-based plaster, painted plaster, lime-based plaster and paint, exposed reinforced concrete, precast concrete features and panels, gypsum and fibre cement walls and features.

Preparation of the Substrate:

All substrates must be free of release agents and must be dry, clean and coherent. Plasters must be sufficiently cured according to the type of material and manufacturer's instructions. On surfaces with mould or algae, first apply a coat of Sana Solux and wait at least 24 hours before proceeding as indicated in the technical data sheet. In the case of old paint or dusty substrates, we recommend applying a coat of IVASIL PRIMER S consolidating primer or removing them if this is not sufficient.

Caution: Due to the strong alkalinity of the paint, protect all adjacent surfaces paying particular attention to glass parts.

Application Procedure:

Mix using a low speed mixer. Apply RIVASIL G12 with a metal trowel to achieve a uniform, continuous layer. When the layer is not dry (after about 5 minutes, depending on the weather conditions), finish with a plastic or metal trowel with rotary movements to achieve the desired aesthetic effect.

Type of Equipment:

metal trowel, plastic trowel

Notes:

Do not apply when in direct sunlight or when it is very windy. Delay in drying during the initial period of exposure to the weather can form unsightly streaks on the surface due to condensation, fog or rain. Depending on the intensity of the colour, this effect may be more or less evident but does not imply any reduction in product quality. As a rule, these imperfections disappear on their own upon additional exposure to heavy rainfall.

Condizioni Ambientali:

min +5°C max +35°C max RH 80%

STORAGE

Confezioni:

25 Kg

Ambient Conditions:

6 months when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

TECHNOLOGIES/CERTIFICATIONS



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This Technical Sheet is compiled to the best of our technical/scientific knowledge. Nevertheless, it is not binding and does not imply that we are responsible, as the conditions of use are outside our control. It is recommended that the product is always checked as being suitable for the specific application.