Product Data Sheet

Rivetone Plus Reflect G12 and G15

Granular coloured finish with low-absorption and compact appearance. Particularly suited for finishing the AlivaCLASSIC system. Makes it possible to obtain intense colours with a significant presence of black pigment with very high TSR (Total Solar Reflectance) values, up to four times the standard values. For outdoor use.

DESCRIPTION

Based on acrylic resins in dispersion, contains additives to facilitate application and film-forming, broad spectrum bactericides, fungicides, marble granules and quartz sand with controlled absorption. Its formulation involves the use of “cold” pigments suitable to reflect the light in the IR spectrum. Makes it possible to create dark finishes, even black, on external thermal insulation systems, thus limiting excessive surface heating.
Produces a mould-, algae-, and fungi-resistant film, using an innovative formulation based on broad spectrum additives, effective even under the most critical weather and environmental conditions and certified by the FRAUNHOFER-INSTITUT FÜR BAUPHYSIK of Munich.
For professional use.

MAIN PROPERTIES

- High thermal reflectance
- Compact effect
- Filler
- Low absorption

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	1.2 & 1.5mm
Specific weight	1790 ± 50 g/l
pH	7-9
Type of binder	Acrylic
Solid content	81 ± 2 %
Vapour permeability EN 1062	Class V2 - Medium
Water absorption EN 1062	Class W3 Low
Strength adhesion EN 1542	> 1.5 MPa
Thermal conductivity EN 1745	λ=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.
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

Colour range	Greys and shades with high TSR values.
Coverage	With the application of 1 coat: 2.2 Kg/m2
Coverage per pack	(25Kg): 11.4 m2, 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: compatible with all water-based products

APPLICATION

Suitable Substrates:
Cement-based render, 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. Renders must be sufficiently cured according to the type of material and manufacturer's instructions.
Application Procedure:
Mix using a low speed mixer. Apply RIVATONE PLUS REFLECT 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 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.
Ambient Conditions:
min +5°C max +35°C max RH 80%

STORAGE

Tub Size: 25 Kg
Ambient Conditions:
1 year 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