

rivatone plus reflect g15

technical sheet - ed. 10/2023



COMPANY
WITH QUALITY
MANAGEMENT
SYSTEM
CERTIFIED



OUTDOOR



WATER
BASED



TROWEL



READY
TO USE

Thick reflective coating - particle size 1.5 mm

DESCRIPTION

Its formulation based on acrylic resins and granules of max 1.5 mm involves the use of "cold" pigments able to reflect the light in the IR spectrum. Makes it possible to create dark, even black, topcoats on thermal insulation systems, limiting excessive heating of the surface, indicated as a finish for the main TERMOK8 systems. Product tested according to UNI EN 15824 for use of CE marking. For professional users only.

MAIN PROPERTIES

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



BREATHABLE

TECHNICAL DATA

Water absorption (class W) (EN 1062)	Class W3 Low
Film aspect EN 13300	Matt G3 (≤ 10 gloss 85°)
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.
Type of binder	Acrylic
	7-9
Classification (UNI 8681 / UNI 8682)	Plastic coating for continuous application - natural granules - G2 - Skimmed - R2 - S2
Thermal conductivity (λ) (EN 1745)	$\lambda=0.93$ W/(mK)
Solid content	85 \pm 2 %
Adhesion on concrete (EN 1542)	> 0.7 MPa
Granulometry (EN 13300 / EN 1062)	1.5mm
Vapour permeability (class V) (EN 1062)	Class V2 - Medium
Specific weight	1790 \pm 50 g/l
VOC	Cat A/c: limit 40 g/l (2010); this product contains a maximum of 40 g/l of VOCs

CHARACTERISTICS

Overpaintable	Compatibility with other products: compatible with all water-based products
Dilution	Water; Ready to use
Colour range	Greys and shades with high TSR values.
Coverage	With the application of 1 coat: 3 Kg/m ²
Coverage per pack	(25Kg): 8.3 m ² , approx. Coverage varies according to the roughness of the substrate.

APPLICATION

Ambient Conditions:

min +5°C max +35°C max RH 80%

Type of Equipment:

metal trowel, plastic trowel

Suitable Substrates:

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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 (IVAS) 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 PRIMACRIL (IVAS) consolidating primer or removing them if this is not sufficient.

In the case of stripped substrates or in the presence of release agents, we recommend using the solvent-based consolidating primer NITROFIX (IVAS).

Application Procedure:

Mix using a low speed mixer. Apply RIVATONE PLUS REFLECT G15 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.

Notes:

Add a little water if necessary to achieve the right consistency. 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. The product completes the drying and polymerization processes within 10-15 days in optimal environmental conditions (23°C; R.H. max 85%). The use of natural raw materials can cause small differences in color and the presence of "black dots". Verify that the color tone matches; in the case of multiple lots for the finishing of a building, be sure to use the same lot on an entire elevation from corner to corner; it is also important to always work with the same technique, applying the material evenly. Irregular absorption of the support can alter the colour.

Over time, atmospheric agents, the intensity of UV radiation and the action of humidity inevitably modify the surface, therefore visible alterations of the color are possible.

STORAGE

Packaging:

25 Kg

Storage:

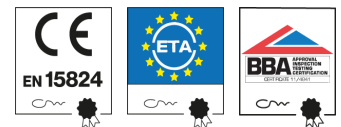
1 year when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

Disposal and safety indications:

Dispose of in accordance with local regulations.

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

TECHNOLOGIES/CERTIFICATIO



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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