

ISOVIT REV REFLECT

HIGH REFLECTANCE DECORATIVE ACRYLIC FINISH

1. DESCRIPTION

ISOVIT REV REFLECT is a 100% acrylic finish, with addition of siloxane resins, marble granules and protected against the development of fungi and algae, special low solar radiation absorption pigments specially formulated for the application in dark colours, constituting a textured finish, available in several colours, able to decrease solar absorption by about 20% compared to *ISOVIT REV FINO/MÉDIO*.

2. FIELD OF USE

ISOVIT REV REFLECT is used as finishing layer in ISODUR sprayed thermal insulation system, in ETICS systems *ISOVIT Clássico*, *ISOVIT KI* and *ISOVIT Cork* or in facades coated with current hydraulic renders such as REDUR Range.

ISOVIT REV REFLECT, always applied over *ISOVIT AD 20* anti-alkali primer in white colour, has a fine or medium texture and is available in dark colours (solar absorption $\alpha > 0,70$). For non-current uses or on particular substrates, we advise you to contact our Technical and Commercial Services.

3. PRODUCT CHARACTERISTICS

Paste product	Value
Granulometry	< 1,0 mm – <i>ISOVIT REV FINO</i> < 1,5 mm – <i>ISOVIT REV MÉDIO</i>
Density	1650 ± 50 kg/m ³
Theoretical consumption	1,4 to 1,8 kg/m ²
Drying time * (depending on temperature and humidity)	6 to 48 hours
Finishing time *	10 to 20 minutes
Viscosity	90000 - 130000

* The stated times, obtained under standard conditions, may be extended at low temperatures and/or high humidities and shortened at higher temperatures.

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4. APPLICATION

a) Substrate preparation

Substrates should be free from dust, release agents, loose or instable materials, efflorescence, as well as from any type of material which affects normal adhesion conditions.

Prepare substrates by applying the white *ISOVIT AD 20* primer.

In applications on old substrates or in building rehabilitation operations we suggest prior consultation of our Technical Services.

b) Application

Prior to application, *ISOVIT REV REFLECT* should be stirred until complete homogenization of mineral fillers.

ISOVIT REV REFLECT may be applied after, at least, 6 to 24 hours of *ISOVIT AD 20* application, by using a metal trowel. The thickness of the applied layer should not exceed the granulate maximum size.

In the initial setting state, the desired texture of *ISOVIT REV REFLECT* finish may be obtained by using a plastic trowel in a circular motion exposing the grains.

So as to minimize work joints, complete panels should be carried out whenever possible. Work joints should be resumed within a maximum period of 10 minutes.

c) Restrictions

ISOVIT REV REFLECT should not be applied at room and substrate temperatures below 5 °C and above 30 °C.

In hot and/or dry weather or when substrates are directly exposed to sunlight or strong wind, facades should be protected so as to minimize the effects of wind and sun action.

Do not apply on horizontal surfaces or inclination lower to 45°. Do not apply in rainy weather or when rain is expected within 12 hours.

d) Complementary Advices

Do not add any other products. *ISOVIT REV REFLECT* should be applied as it is shown in its original packaging.

5. PACKAGING AND VALIDITY

Packaging

25 kg buckets in plasticized pallets of 33 buckets.

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Validity

12 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

6. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- Irritating to eyes, respiratory system and skin;
- May cause sensitization in contact with skin;
- Do not breathe dust;
- Avoid contact with skin and eyes;
- If it comes in contact with eyes, rinse immediately and abundantly with water and seek a specialist advice;
- Use protective clothing and appropriate gloves;
- Keep out of children's reach.

Being the conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.

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