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STARGLASS (Reflective Liquid Sheath)

technical data sheet

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1. IDENTIFICATION OF THE SUBSTANCE/COMPANY

Trade name: STARGLASS (Flexible liquid reflective sheath) Additional designation : (Professional use coloured liquid sheath) Manufacturer : Cimar Produzione Surl with plant in Salerno at via Mecio Gracco 8H/8I. Telephone number also for urgent calls: Tel +39 089 302418

2. CHARACTERISTICS AND USES

It is a liquid waterproofing product in water emulsion with high elasticity and fast drying. It can be used to waterproof any type of cementitious surface; generally deteriorated bituminous membranes, sheets and plasters. The high reflectance significantly reduces the heat absorbed by the substrate on which it is applied. The result is a considerable decrease in temperature in the rooms below, even 5/6 degrees, with significant energy savings for air conditioning and a lowering of the level of pollution in cities.

The product offers significant advantages: high SRI reflectivity index; resistance to UV rays; less thermal stress; longer product life cycle; reduced energy consumption; self-cleaning effect thanks to the presence of water repellent agents.

3. IDENTIFICATION CHARACTERISTICS OF THE LIQUID PRODUCT

Appearance: viscous pigmented paste Specific gravity = $1.1 \pm 0.01 \text{ kg/dm}^3$ Dry residue = $72 \pm 2\%$ Viscosity at $23^{\circ}C^* = 0.59 \text{ Pa-s}$ SRI ≥ 105 VOC content as required by Legislative Decree No. 161 of 27/05/2006: 140 g/l of product ready for use. VOC content of the product: 40 g/l of ready-to-use product

4. DRYING OR HARDENING TO 23°C AND 50% UR

Surface:40 ' To the touch: 2 hours Apparent complete: 6 hours

5. CHARACTERISTICS OF THE DRIED PRODUCT

Breaking load: 120±1N/cm² Elongation at break: > 100%. Abrasion resistance: 0,2 gr (weight loss)

6. EQUIPMENT

Apply by roller, brush or airless spray.

7. APPLICATION SUPPORT

Clean and dry surfaces. Application conditions: it is advisable to abstain from the application in adverse weather conditions, in rain forecasts and in temperatures below +5 °C. SPEEDY facilitates drying.

8. DILUTION

Ready to use

9. CONSUMPTION

Consumption depends on the porosity and regularity of the surface to be treated. It is estimated at approx. 1 Kg/sqm per sqm per coat. Two coats of the product are recommended.

10. INSTRUCTIONS FOR STORAGE

Storage temperature: 5°C ÷ 30°C Stability in original packages : 12 months Packing : 5 Kg - 10 Kg - 20 Kg

11. COLOURS AVAILABLE

White. On request and for a quantity of about 900 Kg it is possible to have also the colours: light grey, beige and light green.



12. WARNINGS

Apply at temperatures between +5°C and +35°C. Avoid direct application on damp surfaces or in the presence of humidity counter-thrust or on lightened screeds. For applications on new cementitious substrates, wait until they have completely cured. Prepare, where necessary, steam exhalators. Any expansion joints must be treated in advance and separately from the waterproofing. The layers of STARGLASS, not completely dried, are damaged by rain, dew and fog. Before applying the second coat, make sure that the first one is completely dry.

Use PRIMER C as primer on all substrates.

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