



Cimar[®]
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WHITEGLASS (Reflective Acrylic Paint)	technical data sheet
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1. IDENTIFICATION OF THE SUBSTANCE/COMPANY

Trade name: WHITEGLASS (Reflective Acrylic Paint)
Additional designation : (Acrylic paint in water emulsion for the protection of reflecting bituminous coverings)
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

WHITEGLASS is a white acrylic paint based on resins in water emulsion and special additives. The dry product forms a flexible film, resistant to atmospheric agents, with high solar reflectivity and infrared dissipation. It is suitable for the protection of bitumen-polymer membranes; in fact, the high reflectance of WHITEGLASS significantly reduces the heat of sunlight, both with respect to the dark surface and with respect to other paints. No emissions result in a significant decrease in temperature and therefore a significant energy saving for air conditioning in buildings. Reduced temperature and diffused light increase the efficiency of photovoltaic panels. It can also be applied to concrete plasters and surfaces. Shake vigorously before use.

3. PRODUCT IDENTIFICATION CHARACTERISTICS

Appearance: Medium viscous pigmented liquid
Specific gravity = $1.4 \pm 0.05 \text{ kg/dm}^3$
Dry residue = $62 \pm 1\%$
PH = 8-9
VOC content as provided for by Legislative Decree No. 161 of 27/05/2006: 140 g/l of product ready for use.
VOC content of the product: 5 g/l of ready-to-use product
Solar Reflectance Index SRI ≥ 105 (ISTITUTO GIORDANO Certificate N°340494)

4. DRYING

Apply the first coat after diluting with water (approx. 10%); the second coat must be applied after at least 6 hours, and in any case when the surface is completely dry. It is always advisable to apply two coats, preferably crossed. The surfaces must have a minimum slope of 3% and in any case sufficient to allow rainwater to drain off. WHITEGLASS is not suitable for flat surfaces with prolonged waterlogging.
Drying time (23°C - 50% R.H.) 6 hours

AVAILABLE COLOURS: White.

5. EQUIPMENT

Apply by roller, brush or airless spray.

6. APPLICATION SUPPORT

Clean and dry surfaces. It is advisable to wait at least 3 months for the bituminous membrane to mature before applying the product. On Extralarge the cheese matures for 2/3 days.

7. CONSUMPTION

Consumption depends on the porosity and regularity of the surface to be treated. In case of application on smooth aged membranes, the consumption is 200÷300 g/m² per coat, 350÷450 g/m² per coat on slated membranes.

8. INSTRUCTIONS FOR STORAGE

Storage temperature: 5°C - 30°C. Stability in original packages : 12 months
Packing : 20 Kg. The product is frost sensitive.
Keep containers closed before use.

9. WARNINGS

Apply only on surfaces with regular water flow, do not apply on surfaces subject to water stagnation. Do not apply on wet or damp surfaces. Do not use for tanks, basements or canals subject to strong water counter-thrust or pressurized water. Apply at temperatures between +5°C and +35°C. Extreme hot and cold conditions during application should be avoided. Do not apply when the temperature may drop below +5°C during the drying of the paint film. Do not apply on very hot substrates as this will over-accelerate the filming process of the paint with negative consequences on the cohesion and adhesion of the product to the substrate. Do not apply with high humidity or risk of rain while the film is drying. Apply the second coat when the first coat is perfectly dry. It is not a walkable product; it may only be stepped on for periodic maintenance. Newly applied bituminous surfaces generally have surface outcrops of hydrocarbons which make the perfect adhesion of the coating film problematic. It is recommended to apply on the membranes only after 3 months from their installation. After use, clean the tools with water and, if the product has dried, remove it with white spirit.