



Cimar[®]
produzione s.u.r.l.

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ALLUMIONIOECO (Waterborne Aluminium Varnish)

technical data sheet

Revision date 4.09.19

1. IDENTIFICATION OF THE SUBSTANCE/COMPANY

Trade name: Alluminio Eco (Waterborne Aluminium Varnish)
Additional designation : (Synthetic aluminium paint for bituminous membranes)
Manufacturer : Cimar Produzione Srl 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 an aluminium-coloured paint based on styrene-acrylic resins in water emulsion and aluminium paste. The use of a high percentage of aluminium paste and the particularly high quality of the paste itself, give the product a brilliance that can be considered on a par with the similar solvent product. It should be pointed out that the solvent based product has considerable disadvantages, both from an ecological point of view and in terms of transport and storage. It is used to protect bituminous waterproofing from ultraviolet radiation and weathering.

3. IDENTIFICATION CHARACTERISTICS OF THE LIQUID PRODUCT

Appearance: Medium viscous pigmented liquid
Specific gravity = $0.9 \pm 0.05 \text{ kg/dm}^3$
Dry residue = $41 \pm 1\%$
PH = 8,0
Viscosity at 23°C* = $11000 \pm 2000 \text{ cps}$.
(with Brookfield viscometer equipped with impeller no. 4 at speed 5)
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: 5 g/l of ready-to-use product

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

To the surface: 15 ' To the touch: 30 ' Complete: 1 hour

5. EQUIPMENT

Apply by roller, brush or airless spray.

6. APPLICATION SUPPORT

Clean and dry surfaces.

7. DILUTION

It is used as it is and/or diluted with max 5% of demineralised water.

8. CONSUMPTION

Consumption depends on the porosity and regularity of the surface to be treated. Approx. 300-400gr/m² in two coats.

9. INSTRUCTIONS FOR STORAGE AND APPLICATION

Storage temperature: 5°C ÷ 30°C Stability in original packages: 12 months

Packing : 18-5 litre

Make sure that the substrates are clean, dry and free of dust, oils, greases, rust, waxes and non-stick substances.

The bituminous membranes must have undergone at least 90 days of oxidation before proceeding with the application of the product. Do not apply on surfaces subject to water stagnation.

Apply at temperatures between +5° +35°C. AVAILABLE COLOURS : Aluminium

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