



**Cimar**<sup>®</sup>  
produzione s.u.r.l.

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COPPER (Copper varnish)	technical data sheet
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#### 1. IDENTIFICATION OF THE SUBSTANCE/COMPANY

Trade name: COPPER (Copper varnish)  
Additional designation : (Reflective copper paint for bituminous membranes)  
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

COPPER is a copper-coloured paint, based on styrene-acrylic resins and fast drying, used to protect bituminous waterproofing from the weather and from ultraviolet radiation.  
Being a reflective product, it lowers the surface temperature of the membrane with the ultimate result of reducing thermal ageing. Shake vigorously before use.

#### 3. IDENTIFICATION CHARACTERISTICS OF THE LIQUID PRODUCT

Appearance: Medium viscous liquid  
Specific gravity =  $0.8 \pm 0.05 \text{ kg/dm}^3$   
Dry residue =  $60 \pm 1\%$   
Viscosity at  $23^\circ\text{C}^*$  =  $25 \pm 1 \text{ sec.}$   
(with Ford cup - hole no.4 )  
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 $23^\circ\text{C}$ AND 50% UR

Surface: 15 '  
To the touch: 30 '  
Appears complete: 1 hour

#### 5. APPLICATION SUPPORT

Clean and dry surfaces. Clean and dry surfaces. Do not apply on surfaces where water stagnation may occur. Wait for new bitumen-polymer membranes to mature (at least three months) before painting with COPPER, as the outflow of the oils contained in them could cause the product to detach or areas with colour variations. On Extralarge the aging is 2/3 days.

#### 6. DILUTION

Ready to use

#### 7. CONSUMPTION

Consumption depends on the porosity and regularity of the surface to be treated. The consumption is estimated at approx. 200 -300 g/m<sup>2</sup>.

#### 8. INSTRUCTIONS FOR STORAGE

Storage temperature:  $5^\circ\text{C} \div 30^\circ\text{C}$ . The product is frost sensitive.  
Stability in original packages : 12 months  
Packing : 18-5 litre

## 9. AVAILABLE COLORS AND WARNINGS

### Copper

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. 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.

*The information contained in this brochure is, to the best of our knowledge, accurate and correct, but any recommendation or suggestion given is without any guarantee, as the conditions of use are not under our direct control. In case of doubt it is always advisable to carry out preliminary tests and/or ask for the intervention of our technicians. The company Cimar Produzione surl reserves the right to modify, replace and / or delete the articles, and change the data of the products shown in this brochure, without notice, in which case the information contained herein may no longer be valid..*