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# Prorame

Transparent copper protector



CODE 186N001

PRORAME - V.2024-09-23

## DESCRIPTION

PRORAME is a semi-glossy clear varnish containing acrylic resins dissolved in solvent and passivator for protecting copper surfaces (such as gutters) from oxidation, preventing the formation of characteristic unattractive greenish stains which can be transferred to wall surfaces by contact.

## INSTRUCTIONS FOR USE

Suitable for application to all copper surfaces.  
Also recommended for protecting iron and brass manufactures in interiors.

## TECHNICAL SPECIFICATIONS

- Type of binder: acrylic polymers
- Specific gravity per UNI EN ISO 2811-1:  $0.90 \pm 0.05$  Kg/l
- Viscosity per UNI 8902:  $570 \pm 50$  cps (rotational Rotoviscometer at 25°C)
- Gloss per UNI EN ISO 2813:  $45 \pm 5$  at 60°
- Drying (25°C, 65% R.H.): 1 hour to touch; to recoat no less than 24 hours after first coat.

## PREPARING THE SURFACE

- Copper surfaces:
- First prepare the surface well by brushing, removing grease and cleaning with an appropriate chemical detergent so as to remove all traces of oxides and/or carbonates.
  - Apply 2 coats of PRORAME to the dry surface as described below.

## APPLICATION INSTRUCTIONS

- Ambient and base conditions:  
Ambient temperature: Min.0 C/Max.+35 C.  
Base temperature: Min.+5 C/Max.+35 C.  
Ambient relative humidity: <80%.  
Dry base.  
-Tools: brush, roller

-Thinning: ready to use.  
-Application by spraying gun may be applied only in authorized factory (Dir. 2001/42/EC), thinning at 10-20% with Dil. per Smalti Rapidi 5070712.  
-One coat is normally enough. A second coat may be applied at least 24 hours later to guarantee complete coverage of the surface.  
-Approximate yield: 8-10 m<sup>2</sup>/l per coat.  
Clean tools immediately after use with Dil. per Smalti Rapidi 5070712.  
**PAINTING OVER:**  
Do not paint over PRORAME with synthetic enamel, or it may peel off.

**TINTING** | The product is available transparent.

**STORAGE** | Maximum temperature for storage stability: +30 °C  
Minimum temperature for storage stability: +5 °C  
The product should be preferably used within 3 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

**SAFETY RULES** | Limit value EU (Dir. 2004/42/EC)  
Cat. A/i: One-pack performance coatings (sb): 500 g/l (2010)  
The product contains max: 500 g/l VOC  
  
Flammable.  
The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; after use, do not litter, let residues dry out completely and treat them as special waste. Consult the safety data sheet for additional information.

**SPECIFICATION ITEM** | Clear, non-peeling protective coating for copper surfaces.  
Application to prepared surfaces of matt non-peeling coating PRORAME code 186N001, containing acrylic polymers in solvent, in a single coat, with a minimum consumption of 200 ml/m<sup>2</sup>.  
Supply and installation of material € ..... per m<sup>2</sup>.