

## PROFILE ACRYLIC GLOSS



### High performance water-based acrylic resin enamel

#### USE

Glossy water-based enamel ideal for treating all wood, metal and plastic surfaces properly prepared with a specific primer. Can be used indoors and outdoors.

#### PROPERTY

- § Glossy appearance.
- § Good elasticity.
- § Easy application.
- § It does not present any "blocking" problems.
- § Odorless.

#### CHARACTERISTICS

**Composition:** based on acrylic resins in aqueous emulsion, fillers and finely ground pigments stable to light.

**Density:** 1.25 approx. kg/l (variable depending on the colour).

**Brilliance:** shiny (approx. 70 - 80 GU at 20°).

**EU limit value for VOC content:** Cat. A/d: 130 g/l 2010. This product contains a maximum of 100 g/l VOC.

**Colors:** white and colors available on colorimetric machine.

**Packaging:** White and Bases: 0.75 and 2.5 l

**Conservation:** Store the product in its original packaging, tightly closed and in a dry, cool place, away from frost.

#### INSTALLATION

**Application:** by brush, roller and spray

Airless spray (pressure: approx. 160 bar - nozzle: 0.011 - 0.13 inch - angle: 60° - dilution: ready to use).

Conventional spray (pressure: approx. 3 bar - nozzle: 1.5 - 1.8 mm - dilution: approx. 10% by volume with water - viscosity: approx. 30" DIN 4 mm).

**Dilution:** ready to use.

**Conditions of application:** Application and drying must take place in temperature conditions between +5°C and +30°C and with relative humidity lower than 85%

**Theoretical consumption:** about 85 ml/m<sup>2</sup> by hand.

**Practical yield:** brush and roller: approx. 9 - 11 m<sup>2</sup>/l per hand. Spray: approx. 6 - 8 m<sup>2</sup>/l per coat. Yield may vary depending on the roughness, porosity and absorption characteristics of the substrates and the application system used.

**Drying (at 23°C and 50% RH):**

- Dust dry: after approximately 1 hour.
- To the touch: after approximately 2 - 3 hours.
- Repaintable: after approximately 6 - 8 hours.
- Completely dried: after 24 hours. The film reaches its full resistance characteristics only after about a week.

#### APPLICATION SYSTEMS

The application system and preparation of the substrates must be evaluated and chosen based on the current state and the conditions to which the substrate itself will be exposed.

**Supports:** The supports must be healthy, clean and dry. Degrease the surfaces with suitable thinners or detergents to eliminate any traces of grease, wax or dirt.

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Completely remove any loose parts such as calamine, rolling slag, old coats of enamel, etc. Lightly sand all surfaces to ensure optimum adhesion of the product.

### Iron supports:

- § Mechanically remove any traces of rust and pre-treat with two coats of Allgrund. Allow to dry
- § and finally apply two coats of Profi Acryl Gloss.

**New wooden supports:** sand the substrates carefully to ensure optimal adhesion of the application cycle. Clean resin-rich or greasy substrates with a nitro thinner or specific detergent.

- § Then apply a coat of Venti 3Plus Satin.
- § Allow to dry and sand lightly. Dust thoroughly. Then apply two coats of Profi Acryl Gloss.

**Already painted wooden supports:** sand vigorously to completely eliminate any flaking enamel. If necessary, remove paint.

- § Touch up exposed wood sections with Venti 3Plus Satin as a primer; let dry and sand.

- § Apply one coat of Venti 3Plus Satin over the entire surface and let dry. Finally
- § apply one/two coats of Profi Acryl Gloss.

### Non-ferrous supports (aluminium, zinc, galvanised sheet metal, ...):

§ Mechanically remove any traces of oxidation, clean and degrease thoroughly, sand lightly and pre-treat with Allgrund. Allow to dry, sand again and dust the surfaces.

- § Finally apply two coats of Profi Acryl Gloss.

### Recommendations:

- § The film reaches its full resistance characteristics only after about a week.

§ Water-based enamels require some application precautions:

- use brushes with synthetic bristles specifically for applying water-based enamels
- at the end of work, immediately clean the tools with soap and water
- the performance characteristics of the film will not be achieved if applied at temperatures below +5°C or with relative humidity above 85%
- in the case of application on tropical woods, tannins and other natural substances present in this type of wood may emerge. To avoid this problem, we recommend first applying a solvent-based primer such as Venti 3Plus Satin
- nail and screw heads must always be pre-treated with an anti-rust product

## SECURITY INFORMATION

For information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

All technical information contained herein is indicative. For further information, please consult our Technical Assistance service.

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