



MAPEI

Dursilac Gloss

**Water based acrylic urethane
enamel paint for interior and
exterior use, gloss finish**

EXCELLENT FLOW

HARD-WEARING FINISH

WOOD · METAL · RIGID PVC

WHERE TO USE

- Painting suitably prepared elements made of **wood, metal or rigid PVC**, indoors and outdoors, to give **excellent durability** and an **attractive aesthetical appearance**.
- Painting of **handcrafts or home furnishings components** made of wood, plastic or metallic material, after adequate pre-treatment.
- Protection and decoration of other types of substrates, such as galvanized sheets, aluminium, wall surfaces, etc. previously verified.

Some application examples

- Painting of new or already painted substrates made of wood, metal or rigid PVC, such as gates, railings, fences, drainpipes, door and window frames, taking care to suitably clean and treat them.
- Painting various types of furnishings made of wood, metal or rigid plastic, after an appropriate evaluation and preparation of the substrate.
- Final protection of metal substrates, after an anti-rust treatment with **Dursilac No Rust**.
- Lacquer painting of other types of indoor substrates (baseboards, doors, walls, etc.) with a water based, odourless finish, with low volatile organic compounds (VOC).

TECHNICAL CHARACTERISTICS

Dursilac Gloss is a high quality, water-based enamel paint, based on innovative acrylic urethane resins, selected fillers and the finest pigments.

Dursilac Gloss is a **hard-wearing paint**, ideal for surface protection against scratches and marks.

Dursilac Gloss is **not subject to yellowing** and therefore ideal for external use.

Dursilac Gloss is a water-based formulation that **does not cause particular odour problems** or harmful emissions and enables to easily **paint in interiors**.

Dursilac Gloss stands out for the **body fullness** of its paint film and the **excellent flow** during the application, that allows **easy and fast application** on all types of surfaces.

Dursilac Gloss grants the substrate protection and a **long-lasting and refined appearance** with a **gloss** finish.

APPLICATION PROCEDURE

Substrate preparation

Bare wood: sandpaper the surface and remove dust. Apply a first coat of **Dursilac Base Filler** in the same colour chosen for the top coat and let it dry. Repair damaged parts with a wood filler; let it dry, sandpaper and dust again. Apply a second coat of **Dursilac Base Filler**.

Previously painted wood: carefully clean the substrate and sandpaper existing layers of paint to remove all loose or flaking material. Apply **Dursilac Base Filler** in the same colour chosen for the top coat let dry.



In case of damaged substrates, repair with a wood filler and let dry; sandpaper and dust again. Apply a second coat of **Dursilac Base Filler**.

New unpainted metal surfaces: remove completely all existing rust and millscale by brush or sandpapering. The application cycle requires one or two coats of **Dursilac No Rust** metal primer according to the substrate conditions. Respect the drying time between coats (12 hours).

Previously painted metal surfaces: carefully clean and sandpaper the substrate to remove rust and existing layers of loose or flaking paint. Touch-up rusted areas with **Dursilac No Rust**; let it dry and apply a uniform layer of **Dursilac No Rust** metal primer on the entire surface.

Rigid PVC (hard plastic): sandpaper lightly to roughen the surface and clean with a suitable degreaser or thinner. Apply a coat of coloured **Dursilac Gloss**: considering the extreme variety of plastic polymers existing on the market, it is advisable to carry out a trial test.

Other substrates (aluminium, light alloys, galvanized sheets): carefully clean the substrate, eliminate oxidation residuals and degrease the surface with a suitable thinner. In case of already painted substrates, remove the old layers of flaking paints, sand down completely to reach a slightly roughen surface and dust.

Apply **Dursilac Gloss**: it is always advisable to previously evaluate the substrate to be painted.

Preparation of the product

Dilute **Dursilac Gloss** with water up to max. 15% by volume, according to the application tool to be used, the ambient conditions and the type of substrate. Stir the product thoroughly. For the preparation of partial quantities, it is recommended to accurately stir **Dursilac Gloss**, as it is, before pouring the material from the original plastic bucket.

Application of the product

Apply **Dursilac Gloss** by short pile roller, brush or spray on the dry layer of **Dursilac Base Filler** or **Dursilac No Rust**. The application cycle requires two coats of **Dursilac Gloss** at 6-8 hours between coats, at normal ambient temperature and humidity, and in any case when the previous layer is completely dry.

RECOMMENDATIONS

- Do not apply if substrate or ambient temperature is below +8°C or higher than +35°C.
- Do not apply when rain is imminent, with windy weather or under direct sunlight.
- Do not apply when relative humidity is above 80%.
- Do not apply on damp surfaces.

- Wood moisture content must be previously verified and below 15%.
- It is advisable to paint wood when the ambient temperature is dropping, to avoid problems due to wood expansion.
- When applying on bare wood, it is recommended to make trial tests to avoid stains caused by knots or natural defects of the substrate.
- Do not apply on woods which are rich in extractives (tannins).
- **Dursilac Gloss** is not suitable for painting roofs or external coverings.

Cleaning

Brushes, rollers and all equipment used for the application, can be cleaned with water before drying of **Dursilac Gloss**.

COVERAGE

Coverage is highly depending on the nature and porosity of the substrate, on the type of colour chosen and the tools used for the application. In normal conditions **Dursilac Gloss** will cover about 10-12 m²/litre, per coat.

PACKAGING

Dursilac Gloss is supplied in plastic buckets of 0.75 and 2.5 litres.

STORAGE

24 months in a dry place and away from heat sources, at temperature between +5°C and +30°C. Protect from frost.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Dursilac Gloss is hazardous for aquatic life, do not dispose of the product in the environment.

During use wear protective gloves and goggles and take the usual precautions for handling of chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention.

For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	thick liquid
Colour:	white, colours from Master Collection colour card or in various colours obtained using the ColorMap® tinting system
Density (EN ISO 2811-1) (g/cm³):	approx. 1.22 (white)
Dry solids content by weight (EN ISO 3251) (%):	approx. 56 (white)

APPLICATION DATA

Dilution rate (% of water by volume):	Brush	5-10%
	Roller	5-10%
	Spray	max 15%
Drying time (at +23°C - 50% R.H.):	Dust free	1-2 hours
	Touch dry	3-4 hours
	Recoat	6-8 hours
Conditions of application (air and substrate):	Temperature	between +8°C and +35°C
	Humidity	< 80%
Coverage (m²/litre):	approx. 10-12 (per coat)	
Advised dry film thickness (µm):	30-35 (per coat)	

FINAL PERFORMANCE

VOC emissions in a simulation chamber after 28 days (white) (ISO 16000) (mg/m³):	< 0.1
VOC content of ready-mixed product (white) (European Directive 2004/42/EC) (g/l):	≤ 30 (category BA/d:130 g/l [2010])
VOC content of ready-mixed product (coloured) (European Directive 2004/42/EC) (g/l):	≤ 50 (category BA/d:130 g/l [2010])
Wet scrub resistance - 200 cycles EN ISO 11998:	< 5 micron class: 1
Gloss 60° EN ISO 2813:	about 80 gloss
Cross cut test, cycle with Dursilac No Rust on metal (EN ISO 2409):	class: 0
Cross cut test, cycle with Dursilac Base Filler on wood (EN ISO 2409):	class: 0

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LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

All relevant references for the product are available upon request and from www.mapei.com

