

Glossy Lacquer

High-strength and high-durability Glossy Lacquer, with an alkyd emulsion base and alkyd urethane in the aqueous phase



Technical Data Sheet N°941

USAGE **INTERIOR**
 For horizontal surfaces (ceilings) and vertical surfaces. For use in all indoor rooms. High-grade protection and decoration of walls, ceilings and joinery.

Base surfaces: For application to all customary and correctly-prepared structural surfaces. Suitable for new work and renovation work in dry and wet rooms

KEY QUALITIES Water-dilutable gloss varnish (water-based alkyd product). High gloss. High covering capacity associated with excellent edge-coverage properties. Outstanding hardness provides excellent resistance to impacts and scratches. Easy application and impeccable durability. Class 1 wet abrasion resistance. (2) Although formulated on an alkyd urethane base, the product shows little yellowing in light.

DEPLOYMENT **PREPARATION OF BASE SURFACES**
 Base surfaces must be entirely free of dust, dry, sound, of uniform quality and thoroughly cleaned. Apply a coat of primer and/or undercoat which is appropriate to the base surface and the shade. As the gloss finish reflects light, the painted base surface must therefore be impeccable, in order to highlight the smooth appearance of the base surface.
 To achieve uniform shades, it is highly recommended to use the Bonding Undercoat (Dark) in the finishing colour, in order to achieve opacity and an accurate match to the desired shade (consult the shade card in-store).

EQUIPMENT FOR APPLICATION
 For application using a ¼" (6 mm) or lacquer roller, a special acrylic brush, a conventional pressurized spray gun or low-pressure airless sprayer (according to the manufacturer's instructions).

TYPES OF BASE SURFACES	PREPARATION
Plasterboard, old and well-adhered paintwork, etc. (low-porosity base surfaces)	Sand down lightly and remove dust. Wash down and rinse if necessary. Prime with General-purpose Primer or Bonding Undercoat.
Brickwork, plaster, etc. (porous, powdery or chalky base surfaces)	Prime with Universal Primer. The application of an undercoat is not excluded (bonding or general-purpose)
Timbers containing tannin (oak, chestnut, acacia, merbau)	Prime with Solvent-based Primer and undercoat (where applicable)
Tannin-free timbers (red cedar, meranti, larch)	Prime with Wood Primer and undercoat (where applicable)

APPLICATION

Once the undercoat is completely dry, apply two coats of **GLOSS VARNISH** using a brush or roller. This finish may require dilution with water up to a maximum 5%.

In an airless sprayer or conventional spray gun, depending upon the device used, the varnish may require dilution with 10 – 15% of water. A number of tests should be executed on card or on a concealed area, in order to arrive at the optimum dilution.

Advice: We would recommend the testing of the dilution factor on a small surface, in order to determine the appropriate percentage (the varnish must not resist, but must slide easily onto the base surface to be covered).

Optimum dilution of the varnish permits easy application, in the interests of a correct finish.

GENERAL CHARACTERISTICS

Appearance	Gloss (mirror effect)
Gloss rating	70 UB at 20°
Coverage	450 sq.Ft/Gal; 118 sq.Ft /Liter per coat, according to the device and dilution selected.
Drying	2-3 hours (touch dry).
Ready for recoating	Approx. 6 hours (in the interests of optimum adhesion, it is recommended that the 2 nd coat should be applied within 48 hours, or that light sanding should be undertaken)
Dry extract	50% (+/- 2%) by weight, 37% (+/- 2%) by volume
Cleaning of tools	With hot soapy water
Density	1.26 (+/- 0.05) undiluted
Packaging	1 Liter, 1 Gallon, 10 Liters
Storage	1 year in unopened original packaging. Protect from frost and heat
Colour matching	For all Ressource shades (available in 5 base versions)

PRECAUTIONS

For interior application between 46°F (8°C) and 95°F (35 °C). Do not apply where the relative humidity exceeds 75%.

Where this varnish is to be applied to surfaces which are exposed to high mechanical stresses (structural framework joints or points of friction with other elements), varnish should be allowed to dry for 8 days before use.

The varnish coat will achieve its optimum properties after 8 days of drying.

REGULATORY CHARACTERISTICS

VOC (1)	This product contains 0/l VOC in use
SAFETY	See Safety Data Sheet Compliant with legislation in force

(1) Volatile Organic Compounds: Directive 2004/42/EC

(2) In accordance with standards ISO 11998 and EN 13300, the lacquer film withstands cleaning with a soft sponge and a non-corrosive household product. However, attention must be paid to the risk of buffing, particularly on uniform shades.

* Information on the level of emissions of volatile substances in an interior atmosphere, associated with a risk of toxicity by inhalation, on a scale of class ratings from A+ (very low emissions) to C (high emissions).

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Technical Data Sheet N°941, 04/05/2018 edition. This technical data sheet supersedes and replaces previous editions pertaining to the same product. In the light of continuous technical development, it is the responsibility of clients to confirm, prior to application and by consultation with our services, that the present technical data sheet has not been modified by a more recent edition.

Document available for consultation on our website at www.ressource-peintures.com

RESSOURCE