

Gel Gloss^{pro}

Code: **6766. ...**

two-pack polyurethane finish

- EXCELLENT LEVELLING
- EXCELLENT RESISTANCE
- HIGH, DURABLE GLOSS
- GOOD COVERAGE
- CAN BE BLENDED WITH OTHER COLOURS

CHARACTERISTICS

A high quality enamel with excellent resistance to marine and industrial environment, to ageing and to ultraviolet rays. Does not yellow, is very flexible and retains its gloss. Excellent levelling gives improved aesthetic appearance to topsides, decks, superstructures etc. Gel Gloss^{pro} can be applied directly to gel coats or to epoxy or polyurethane primers (Plastolite^{pro}, Polyrex^{pro})

A wide range of colours, which can be blended, is available.

Not suitable for continuous water immersion.

TECHNICAL DATA

Curing mechanism: thinner evaporation and chemical reaction

Specific weight: 1.29 ±0.02 kg/l

Solids by volume: 54 %

Flash point: +38 °C

Appearance: glossy

Colour: I see colour chart

Packaging: 0,75 - 2,50 litres

SURFACE PREPARATION

Gel coats: degrease with Detersil and rinse thoroughly. Can be applied to surfaces coated with epoxy or polyurethane primers, which must be dry and free from oil, grease and other contaminants.

Sanding of gel coats and primers with 400/600 grade abrasive paper prior to application of the finish is recommended in order to achieve a perfectly smooth surface.

APPLICATION

Mix base and hardener in a 3:1 ratio by volume (80:20 by weight). Wait 10 minutes prior to start application. Generally, no thinner is required for brush application, however, if necessary add Thinner 6700 or 5780 up to 10% by volume. Apply an even coat with several cross strokes. The excellent levelling properties provide highly reflective and glossy surfaces also with brush application.

For spray application add 25-35% Thinner 6700 by volume at temperatures of 18-30°C or Thinner 5780 at temperatures of 12-18°C (also mixtures of the two thinners may be used). The first coat should wet homogeneously the substrate but must not necessarily provide full coverage. Apply the second coat with cross passes to the first one with full coverage. The third and last coat should be more diluted in order to provide proper levelling through partial softening of the previous coats. Over 48 hours by previous coat, it is demanded sanding the surface. If a change from an previous dark colour to a light one is desired, a primer such as Polyrex^{pro}™ should be applied first.

APPLICATION DATA

Drying time before use (20°C): 7gg
Pot life (20°C): 3-4 h
Application temperature min - max: +10/+35 °C
Hardener: **6766.999**
Mixing ratio by volume: 3:1
Mixing ratio by weight: 80:20
Thinner: 6700 or 5780
Wet film thickness per coat: 70/80 μ
Dry film thickness per coat: 35/40 μ
Theoretical coverage per coat: 15,4 - 13,5 m²/l
Overcoating time (20°C): min 3/4 max 48 h.
Number of coats: 2 (3 per maggiore copertura)

Spray application data	Conventional	Airless
Fluid tip orifice	1,2/1,4 mm.	0,015/0,017 inch.
Air pressure	2,5/3,0 atm.	/
Compression ratio	/	30:1

SAFETY RULES

Adequate ventilation must be provided when applying this product in a confined area and while it is drying. The use of goggles, masks, gloves, and protective clothing is recommended when sanding, in order to avoid inhaling the dust and during paint application. Always wet sand. The product contains solvents which could form an explosive mixture when combined with air and exposed to a naked flame, spark or electrostatic discharge.

DISCLAIMER

The information in this data sheet is based on accurate laboratory tests and practical experience, which guarantee the quality of the product if used according to our recommendations. The data contained herein are liable to modification as a result of continuous product development. We do not accept any liability arising from use not in accordance with our recommendations, unless authorized specifically by the Veneziani Technical Services.

This edition annuls and replaces all previous issues.