



SOLACOAT

TAKES THE HEAT OUT OF THE ENVIRONMENT

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Technical Data Sheet for: SOLACOAT MARINE ACRYLIC 2020

Australian Paint Approval Scheme:

Description

Solacoat Marine Acrylic is a premium, high opacity acrylic paint finish originally designed for moderating temperature extremes on exterior metal surfaces where exposure to harsh conditions such as coastal marine sites is encountered. It's tough, flexible finish gives long lasting protection against weathering. Excellent resistance to mould & fungal growth. Excellent adhesion, flow and quick drying (same day recoat). Solacoat Marine Acrylic may also be used on normal exterior surfaces. The actual sheen level is a soft gloss appearance due to the modification for marine sites.

Uses

Solacoat Marine Gloss is eminently suitable for coating primed external metal surfaces, & including Stainless Steel, where control of temperature extremes is paramount. It is also suitable for use on all interior/exterior surfaces including masonry, bricks, fibro cement and correctly primed timber and metals.

Surface Preparation

All surfaces must be well prepared and free from dirt, oil, grease and other contaminants.

Do not apply Solacoat Gloss Acrylic Gloss if substrate is below 15°C (or is likely to fall below 15°C) before the paint can dry thoroughly.

Brick, Masonry, Plaster Etc.

Unpainted porous surfaces

Sand lightly and clean down surface. Apply one coat of Solacoat CP Primer to seal the surface and prevent uneven absorption that occurs on new plaster. Apply two coats of Solacoat Marine Acrylic. Solacoat Marine Acrylic may be applied direct to clean, dry brick and masonry provided that there is no hydrostatic pressure to these surfaces. It may be necessary to slightly dampen the brick or masonry surface so as reduce the initial suction of the substrate when applying Solacoat Marine Acrylic. Apply two coats of Solacoat Marine Acrylic.

Previously painted porous surfaces

Remove all loose and flaking paint, rub down chalked surfaces. Sand down glossy areas and spot prime bare areas with Solacoat CP Primer. Allow to dry. Apply 2 coats of Solacoat Marine Acrylic.

Timber

Unpainted surfaces

Sand & dust area. Apply one coat of Solacoat CP Primer. Allow to dry. Apply two coats Solacoat Marine Acrylic.

Previously painted porous surfaces

Remove all loose and flaking paint, sand smooth. Wash down chalked surfaces and allow to dry thoroughly. Sand any glossy areas and spot prime bare timber with Solacoat CP Primer. Allow to dry. Apply two coats of Solacoat Marine Acrylic.

Ferrous Metal

Surfaces should be ideally cleaned of all dirt, oil, grease, mould, mildew etc. However, where it is not practical to thoroughly clean the substrate, the use of Solacoat WB Primer has been found to be an acceptable alternative.



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Galvanized Steel, Stainless Steel, Zinalume & Aluminium.

Unpainted surfaces

Thoroughly degrease and wipe clean. Apply one coat of Solacoat WB Primer. Allow to dry. Apply two coats of Solacoat Marine Acrylic.

Application Method

Stir contents of can thoroughly with a wide flat stirrer ensuring the bottom of the can is reached. Apply a full coat of Solacoat Marine Acrylic by brush, roller or spray, & 2nd coat after 2 hours.

Brush/Roller

Pre-wet brushes and rollers. Flow paint generously and spread evenly. (Do not overspread.) Use a medium 12mm-nap roller cover for best results. On rough surfaces, use a 20mm-nap roller cover. Avoid excessive brushing or rolling.

Spray

Suitable for application using standard spray equipment. If necessary, Solacoat Gloss Marine Gloss may be thinned sparingly with up to 100mls of water per litre of paint to help atomization.

Thinning

Not usually required, however it may be thinned sparingly with water.

Approximate Coverage

Covers approximately 8 -14 square metres per litre depending on the surface porosity. Available in 15 ltr, 200 ltr drums & 1000 litre tanks.

Colours Available

Available in white and a range of machine tinted pastel colours.

Drying Times

Approximate drying times at 25 deg. C and 50% Relative Humidity.

Touch Dries:	30 minutes
Recoat:	Minimum 2 hours.

Drying Times may be extended by adverse drying conditions or very high film build.

Cleanup

Clean all equipment promptly with water.

Properties

SOLIDS BY VOLUME:	38%
SOLIDS BY WEIGHT:	51%
WEIGHT PER LITRE:	1.3kg
GLOSS LEVEL:	Soft gloss
DURABILITY:	Excellent exterior.

Resistance Properties

ABRASION:	Very Good.
HEAT:	Good. May soften at elevated temperatures.
SOLVENT:	Poor. Is sensitive to aromatic hydrocarbons, alcohols and ketones.



WATER/STEAM
WEATHER



Very good. Resists prolonged rain and condensation.
Excellent resistance to weathering. Outstanding interior/exterior properties.



Allow 7 days for the paint film to cure before scrubbing the surface. When dew or condensation forms on the newly dried paint film, a milky look will appear. This is normal and does not affect the paint film. Wipe the area clean with a damp rag and remove.

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