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Technical Data Sheet: 2020

SOLACOAT PASTEL & DARK COLOURED TOPCOATS:

Description

Solacoat Gloss Acrylic is a premium, high opacity acrylic paint finish originally designed for moderating temperature extremes on exterior Metal roofs/Brick/Concrete & Timber surfaces. It's tough, flexible finish gives long lasting protection against weathering. Excellent resistance to mould, fungal & algae growth. Excellent adhesion, flow and quick drying (same day recoat). Solacoat Gloss Acrylic may also be used on normal interior/ exterior surfaces.

Uses

Solacoat Acrylic Gloss is eminently suitable for coating primed external metal roof surfaces where control of temperature extremes is paramount. It is also suitable for use on all interior/external surfaces including masonry, bricks, fibro cement, cement tiles, PVC, Polycarbonate using the correct primer.

Surface Preparation

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

Brick, Masonry, Plaster, etc.

Unpainted 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 Gloss Acrylic. (Solacoat Gloss 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 Gloss Acrylic. Apply 2 coats of Solacoat Gloss Acrylic.)

Previously painted porous surfaces

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

Timber

Unpainted surfaces

Sand & dust area. Apply one coat of Solacoat CP Primer. Allow to dry. Sand down with abrasive paper. Apply two coats Solacoat Gloss 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 Gloss Acrylic.

Ferrous Metal

Surfaces should be ideally cleaned of all dirt, oil, grease, mould, mildew etc and primed with Solacoat WB Metal Primer.



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Galvanized Steel, Zincalume & Aluminium

Unpainted surfaces

Thoroughly degrease and wipe clean. Apply one coat of Solacoat WB Metal Primer. Allow to dry. Apply two coats of Solacoat Gloss 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 Gloss Acrylic by brush, roller or spray.

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 Acrylic Gloss may be thinned sparingly with up to 100mls of water per litre of paint to help atomization.

Do not apply Solacoat Gloss Acrylic Gloss or primer to a **surface** that is below 15°C (or is likely to fall below 15°C.) before the paint can dry thoroughly).

Thinning

Not usually required, however it may be thinned sparingly with water up to 10% in volume.

Approximate Coverage

Covers approximately 8-14 square metres per litre depending on the surface porosity. Available in 4ltr; and 15ltr

Colours Available

Available in white, pastel or dark colours

Drying Times

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

Touch Dries: 30 minutes

Recoat: Primer & Pastel Colours Minimum of 2 hours between coats

Recoat: Dark Colours Minimum of 4 Hours between coats

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

Cleanup

Clean all equipment promptly with water.



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Properties

SOLIDS BY VOLUME:	38%
SOLIDS BY WEIGHT:	51%
WEIGHT PER LITRE:	1.3kg
GLOSS LEVEL:	75%
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:	Very good. Resists prolonged rain and condensation.
WEATHER:	Excellent resistance to weathering. Outstanding interior/exterior properties

Additional Information

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 or low pressure washdown. *Total cure will be effective after 14 days*