



# SOLACOAT

TAKES THE HEAT OUT OF THE ENVIRONMENT

[www.solacoat.com.au](http://www.solacoat.com.au)

## SOLACOAT QUICK DRY CS COLOURED TOPCOATS TECHNICAL DATA SHEET- 2020:

### Description

Solacoat **Quick Dry CS** Gloss Acrylic topcoat is a premium **Water- Base d**, high opacity acrylic paint finish, originally designed for moderating temperature extremes on exterior **Heavy & Mild Gauged Metal Plating, Stainless Steel, and including Rail Track** type surfaces, and is also suitable for/Brick/Concrete & Timber surfaces. **Its tough, flexible finish gives long lasting protection against Corrosion, weathering, and has excellent resistance to mould & fungal growth.**

Excellent adhesion, flow and quick drying (same day recoat as per specification time and temps below). Solacoat's Quick Dry CS Gloss Acrylic may also be used on normal interior/exterior surfaces.

### Uses

Solacoat Quick Dry CS Pastel Acrylic Gloss Topcoats, are eminently suitable for coating over Solacoat's Quick Dry CS Metal Primer on external Heavy & Mild Gauged Steel, Stainless Steel, and Metal Roofing Surfaces, or over Solacoat's CP Porous Primer on Brick, Cement, Fibro Cement, Masonry, and/or Timber surfaces, where control of temperature extremes is paramount. It is also suitable for use on all interior/exterior surfaces.

### Surface Preparation

All surfaces must be well prepared and free from dirt, oil, grease and other contaminants. **\*Note\*: Rail Tracks must have any Grease or Oil removed before application.**

#### 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 Quick Dry CS Gloss Acrylic. (Solacoat Quick Dry CS 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 to reduce the initial suction of the substrate when applying Solacoat Quick Dry CS Gloss Acrylic. Apply 2 coats of Solacoat Quick Dry CS Gloss Acrylic.) If ambient temperature is 20°C+ and primer is touch dry, apply 1<sup>st</sup> coat of topcoat and wait 30 minutes before applying 2<sup>nd</sup> topcoat, noting that 1<sup>st</sup> coat, must be touch dry.

If substrate temperature is below 15°C, allow 1 hour between Primer application, then apply 1<sup>st</sup> topcoat, and then allow 1 hour before applying 2<sup>nd</sup> topcoat, ensuring that all applications are at least touch dry before applying next coat.

##### Previously painted 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 touch dry as per above time frames and ambient temperature. Apply 2 coats of Solacoat Quick Dry CS Topcoat Gloss Acrylic.

#### Timber

##### Unpainted surfaces

Sand & dust area. Apply one coat of Solacoat CP Primer. Allow to touch dry as per above. Sand down with abrasive paper. Apply two coats Solacoat Quick Dry CS Topcoat Gloss Acrylic.

##### Previously painted 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 touch dry as per ambient temps & time as per above. 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 Quick Dry CS Metal Primer.



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### Cont:

#### Galvanized Steel, Stainless Steel, Zincalume & Aluminum

##### Unpainted surfaces

Thoroughly degrease and wipe clean. Apply one coat of Solacoat Quick Dry CS Metal Primer. Allow to touch dry as per ambient and time frames as per above. Apply two coats of Solacoat Quick Dry CS Topcoat Gloss Acrylic.

#### Application Method

Stir contents of drum thoroughly with a wide flat stirrer ensuring the bottom of the drum is reached. Apply two full coats of Solacoat Quick Dry CS Topcoat Gloss Acrylic by brush, roller or spray, allowing 2 hours between each coat.

#### 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 Quick Dry CS Topcoat Gloss Acrylic may be thinned sparingly with up to 100mls of water per litre of paint to help atomization.

Do not apply Solacoat Quick Dry CS Gloss Acrylic if substrate 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.

#### Approximate Coverage

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

#### Colours Available

Available in white and a number of pastel colours

#### Drying Times for Pastel Colours. Note: Allow 4 hours between each topcoat of any Dark colours.

Approximate drying times @ 20 deg. C and 50% Relative Humidity.

Touch Dries:	30 minutes
Recoat:	ok.

Approximate drying times if substrate is below 15 deg. C+ and 50% Relative Humidity.

Touch Dries:	1 hour
Recoat:	ok.

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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Cont:

### Properties

SOLIDS BY VOLUME:	38%
SOLIDS BY WEIGHT:	51%
WEIGHT PER LITRE:	1.3kg
GLOSS LEVEL:	75%
DURABILITY:	Excellent exterior.

### Resistance Properties

Corrosion:	Excellent
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 and remove.