



# SOLACOAT

TAKES THE HEAT OUT OF THE ENVIRONMENT

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

## Technical Data Sheet for: SOLACOAT BT (Porous) PRIMER

### Description

Solacoat's BT Primer is a water-based sealer, primer, undercoat designed to be used on exterior and interior Asphalt or Timber surfaces for use under our Solacoat BT heat reflective Pavement coatings. The ceramic alloy component aids in the filling on uneven surfaces and optimizes for maximum heat reflectivity for temperature abatement.

Solacoat BT Primer can be re-coated after 2 hours under good drying conditions. Do not apply when surface temperature is below 15°C or when humidity is excessive.

Spreading rate is approximately 6-12 square metres per litre depending on application (brush, roller or spray), and the roughness of the substrate. Rough surfaces will have a spreading rate of around 6 – square metres per litre and smooth surfaces will be around 10 – 12 square metres per litre.

### Surface Preparation

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

### Asphalt/ Masonry

Fill any large holes with suitable filler following the manufacturer's directions. Remove all dust, grease and dirt by sweeping or suitable washing. Apply one coat of Solacoat BT Primer preferably using airless spray. On rough surfaces it is advisable to back roll the wet paint with a long nap (20 mm) roller so as aid the coating of deep pits and holes in the substrate. It is not necessary to back roll the wet paint on smooth substrates.

### Previously Painted Surfaces

Remove all loose and flaking paint with a wire brush or scraper. Ensure old paint has good adhesion to the substrate. Apply as per application above.

### Application Method

Stir contents of can thoroughly with a wide flat stirrer ensuring the bottom of the can is reached. Apply 1 full coat of Solacoat BT Primer by airless spray using a 13 or 15 thou tip.

### Brush/Roller

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



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### Spray

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

Do not apply BT Primer Undercoat if surface is below 15°C or is likely to fall below 15°C before the paint can through dry.

### Thinning

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

### Approximate Coverage

Covers approximately 6 – square metres per litre on rough surfaces and approximately 10 – 12 square metres per litre on smooth surfaces.

### Colours Available

Light Grey.

### Drying Times

Approximate drying times at 25°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 in water.

### Properties

SOLIDS BY VOLUME:	40%
SOLIDS BY WEIGHT:	54%
WEIGHT PER LITRE:	1.4kg
GLOSS LEVEL:	Low sheen

### Resistance Properties

ABRASION:	N/A
HEAT:	Up to 60°C
WEATHER:	Interior/exterior use --- excellent when top coated.



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**SOLACOAT BT (Porous) Primer cont.**

### **Additional Information**

Designed to be used by professional applicators in an industrial environment.

END.