

# Suntuff Low Sheen



**PREMIUM EXTERIOR 100% ACRYLIC**

## TECHNICAL BULLETIN

### PRODUCT TYPE

Exterior 100% Acrylic.

### DESCRIPTION

**Suntuff Low Sheen** is a water based, 100% pure acrylic, protective and decorative coating that is formulated as **non splatter** low sheen paint that is suitable for most exterior applications. It is a rapid drying, high film strength material that exhibits good early resistance to moisture. The formulation dries to a hard, yet flexible film that flows and settles to a smooth low sheen finish offering excellent resistance to environmental dirt pick-up. **Suntuff Low Sheen** will "breathe", adapting well to harsh freeze/thaw environment, exhibits superior film set properties at temperatures as low as 15 ° C and bonds tenaciously to most un-primed construction materials.

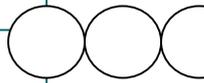
**Suntuff Low Sheen** is principally designed as a premium trade exterior coating and has had extensive use in the maintenance painting industry on gutters, facias, pergolas, galvanised sheet and for the impact coating of acrylic textures. **Suntuff Low Sheen** does not contain any harmful solvents making it safe for continual spray or roll application.

### PRINCIPAL USE

**Suntuff Low Sheen** is principally used in new construction or in the maintenance painting industry as a high grade protective paint for timber, gyprock, fibro, brick and galvanized metal.

*Astec Paints are a 100% Australian owned company committed to the research and development of technologically advanced coatings that provide premium durability against our harsh Australian conditions. Our coatings are manufactured with high regard for worker safety and environmental care and will provide you with absolute confidence in long term performance.*





## PROPERTIES

**Suntuff Low Sheen** offers users outstanding ease of "SPLATTER FREE" application from the viscosity control measures taken during the manufacturing process. The "in can" viscosity is that of a brushing grade coating, yet by our incorporation of additives, the flow characteristics during spray application make the product easy and fast to apply at even film builds.

**Suntuff Low Sheen** incorporates the most durable, chalk-resistant and high opacity pigments available which provide good exterior durability, excellent hiding power and coverage.

## PREPARATION

All surfaces must be clean, dry, structurally sound and correctly sealed, primed or treated for rust prior to any topcoat application. The surface should be high pressure water cleaned to remove the moss, lichen and chalky surface, ensuring that all mould deposits are removed. Any deposits of grease, oil or silicone must be removed. Structural defects to the substrate should be made sound before any coatings application.

Remove dirt or dust and any grease with a Astec Envirogreen. Scrape off any loose or flaky paint on existing painted surfaces then sand any remaining paint to a flat finish. For best results, any paint that exhibits a complete lack of adhesion should be entirely removed except on asbestos sheeting. Wipe down with a damp cloth to remove any dust. Where it is not possible to remove all chalk or contaminants from the surface, apply Astec Multiseal or Rivett to bind the surface prior to painting. Rusted surfaces or nail heads should be treated with Astec Rus-traint. Fill any imperfections with a suitable filler and spot prime or seal any bare surfaces with the appropriate Astec primer as detailed in the following sections.

## *Suntuff Low Sheen*

### APPLICATION

Apply one full wet coat of Suntuff Low Sheen at a recommended wet film thickness of 125 microns. Coverage will be approximately 8 to 12 m<sup>2</sup> per ltr substrate dependant. Allow to dry, usually between 1/2 an hour and 3 hours is required, weather dependant.

Apply a second full wet coat of Suntuff Low Sheen at a recommended wet film thickness of 125 microns. Coverage will be between 8 to 12 m<sup>2</sup> per ltr substrate dependant.

Recommended dry film thickness, 100 microns dry.

### NEW TIMBER

Treat all nails with Astec Rus-traint allow to dry then fill all nail holes with a suitable wood filler. For optimum adhesion sand all dressed timber. On tannin rich timbers, (Oregon, Cedar ext), prime with Astec Oil Based Primer to prevent staining of light tinted colours. For maximum performance on all other timbers apply Astec Acrylic Primer Undercoat, sand smooth then apply two coats of Suntuff Low Sheen.

### WINDOW PAINTING

Use sparingly on all contact areas, open and close windows within 30 minutes and there after at 4 hour intervals over the following 24 hours.

### NEW STEEL AND WROUGHT IRON

Remove any excessive rust with a scraper, wire brush or by sanding. Wipe clean and remove any grease with Astec All Purpose Thinners or Envirogreen. Apply Astec Rus-traint in accordance with the application details on its can. Apply two coats of Suntuff Low Sheen.



PURE 100%  
ACRYLIC

### BRICK AND MASONRY

No primer required on surfaces that are in a sound condition, (that are not weathered to a point where the surface is friable or continues to powder ever after a wash down). If the surface is unsound apply Astec Rivett which will bind a soft wall to a hard finish. Walls in sound condition, wash down the surface with water and a stiff brush to remove all contaminants, fill all holes with a grouting cement. If the surface is mould covered wash down with Sodium Hypochlorite, (Chlorine), or a household bleach to remove the mould then apply Astec Barrier, an under film mould retardant. Apply two coats of Suntuff Low Sheen.

**P.V.C.** Sand the entire surface and wipe down with Astec all Purpose thinners prior to any coating application.

### GALVANISED IRON, ZINCALUME

#### **New unpainted:**

Degrease thoroughly with Astec Envirogreen, apply one coat of Astec B-16 Anti-corrosive primer then two coats of Suntuff Low Sheen.

#### **Previously painted:**

Remove all loose, chalked and flaky paint. Treat any rust with Astec Rus-traint in accordance with the application details on its can. Apply two coats of Suntuff Low Sheen.

### FIBRO CEMENT

**New unpainted:** Wash down the surface with a stiff brush and water to remove any contaminants. Weathered asbestos sheeting: Do not sand or scrub the surface as the dust can be harmful to your health. Pick off any large clumps of mould or debris, apply two coats of Astec Barrier which will kill any mould growth, apply Astec Rivett in multiple coats until all contaminants are securely locked to provide a hard bound surface, ( refer to Astec Performance Spec No. 8712). Apply two coats of Suntuff Low Sheen.

**NOTE** Do not apply Suntuff Low Sheen to surfaces that have had wax or silicone based materials previously applied.

**SAFETY DIRECTIONS** Keep out of reach of children, provide adequate ventilation during use, do not dispose of left over paint down any drainage systems.

#### **PRECAUTIONS FOR USE.**

Avoid contact with skin and eyes, always use a respirator during spray applications.

#### **FIRST AID**

**Eye contact:** Flush immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists.

**Swallowed:** Call a physician immediately if swallowed. Give patient water to drink. Contact Astec Paints for the relevant Material Safety Data Sheet.

#### **COLOUR RANGE**

White, Mid and Accent bases available, may be tinted to most colours from pastel to deep tone.

#### **LIMITATIONS**

Suntuff is a water based material, therefore, should not be applied during inclement weather or when precipitation and freezing are imminent.

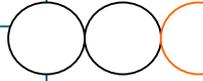
## PRODUCT DATA



### PREMIUM EXTERIOR 100% ACRYLIC



Sheen Level	Low Sheen
Recommended Thinners	Water
Touch Dry	30 mins
Dry @ 25 deg C, 50% RH	2 hours
Theoretical spread rate [@ 30 mic D.F.T.]	10.0 m <sup>2</sup> /ltr
V.O.C. gm/ltr	Low < 5 grams/ltr
Solvent resistance	
Alcohol	No reaction
Salt water	No reaction
Distilled water	No reaction
Diluted Caustic Soda	No reaction
Detergent solution	No reaction
Dilute 5% mineral acid	No reaction
Accelerated weathering [2000 hrs 313 U.V.B.]	Excellent
Specific Gravity	1.276
Solids volume	30.0% V/V
P.V.C.	41.0.0% V/V
Moisture vapour transmission [Method ASTM E96-1966 Full top-coated system]	38.6g.m <sup>2</sup> /24hrs
Contrast Ratio (Determined with X-RITE QA Management Software using SP-68 SPECTROPHOTOMETER.)	92.77%
Pack sizes	1, 4, 10, & 20 ltr



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