

## **ULTIMATE SERIES, ACRYLIC PRIMER UNDERCOAT.**

**A Low Odour, *Non Splatter*, Highly Adhesive,  
Primer / Undercoat with High Solids & Excellent Opacity.**

**PRODUCT TYPE;** 100 % acrylic interior / exterior.

### **DESCRIPTION**

**ACRYLIC PRIMER UNDERCOAT** 100% acrylic, water based, high solids maintenance primer/undercoat that provides a well adhered high opacity base coat for most acrylic and enamel top coats on interior or exterior surfaces.

**ACRYLIC PRIMER UNDERCOAT** is manufactured as heavy bodied mica based product that will provide excellent base coat opacity and good blister resistance on exterior timber. The thixotropic performance of the product provides, solid in can hold up off the high level of opacifying pigments during storage. Although, once the product is well stirred it flows to a smooth, creamy liquid that is ready for use.

### **HIGH OPACITY**

**ACRYLIC PRIMER UNDERCOAT** is a premium water based primer/undercoat that offers dry hiding power far in excess of many of the commercially available water based primer/undercoats. Its strong, dry film hide is achieved with specially surface treated opacifiers, used at maximum concentrations during manufacture. The products outstanding opacity, allows for single coat applications to be achieved on many substrates, that can substantially reduce both material and labour costs for the applicator.

Generally, one coat leaves the surface a uniform off white colour that is ready to be top coated. If necessary, new timber may require light sanding where slight grain lifting can occur. Unlike many product of this nature, the use of Astec ACRYLIC PRIMER UNDERCOAT will keep grain lifting to a minimum, if any.

### **PRINCIPAL USE**

**ACRYLIC PRIMER UNDERCOAT** is manufactured principally for use in the maintenance, restoration and new construction industries on such applications as new plaster board, timber doors, windows frames, exterior facias and interior skirtings.

Although ACRYLIC PRIMER UNDERCOAT can be used as a stand alone primer / undercoat, in many cases the product will require sealers or primers beneath it to provide correct adhesion and or correct substrate preparation. As an example, on fresh concrete, Astec Rivett should be applied prior to the application of ACRYLIC PRIMER UNDERCOAT.

**COLOUR RANGE;** Off White ( may be tinted from mid to light tones ).

### **SUBSTRATE;**

Metal, galvanised metal, fibro, brick, concrete, plaster, Gyprock. timber and over existing membranes and finishes

**NOTE:** Ensure the correct sealer or preparatory treatment is used on the substrate prior to any application of this material. EG;- on corroded metal apply Astec Rustraint in accordance with is relevant Technical Bulletin. On powdery masonry use Astec Rivett in accordance with is relevant Technical Bulletin.

**ULTIMATE SERIES, ACRYLIC PRIMER UNDERCOAT.****PREPARATION;****SURFACE PREPARATION**

All surfaces must be clean dry and free of contaminants. Remove dirt or dust and any grease with a household detergent. Scrape of any loose or flaking paint on existing painted surfaces then sand any remaining paint to a flat finish. Any existing well adhered but glossy paints that can not be sanded or have the gloss removed from the surface should be firstly cleaned down then have Astec Oil Based undercoat applied prior to top-coating. Any existing paint that exhibits a complete lack of adhesion should be entirely removed for the best results, (except on asbestos sheeting). Wipe down with a damp cloth to remove any dust. Where it is not possible to completely remove all chalk or contaminants from the surface, apply Astec Rivett, which will bind the surface to a hard finish 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.

**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. Sand smooth if necessary, then apply two coats of a suitable U.V. stable top-coat.

**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. Apply Astec Rus-traint in accordance with the application details on its can. Apply Astec Acrylic Primer/Undercoat, then apply two coats of a suitable U.V. stable top-coat.

**BRICK AND MASONRY** No sealer is 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 Astec Acrylic Primer/Undercoat, then apply two coats of a suitable U.V. stable top-coat

**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 Wash-n-Etch, apply one coat of Apply Astec Oil Based Primer/Undercoat, then apply two coats of a suitable U.V. stable top-coat. 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.

**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 Astec Acrylic Primer/Undercoat, then apply two coats of a suitable U.V. stable top-coat.

**NOTE** Do not apply Astec Acrylic Primer/Undercoat, to surfaces that have had wax or silicone based materials previously applied.

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### APPLICATION;

The best results will be obtained by roll, brush or spray application methods.

1. For spray applications ACRYLIC PRIMER UNDERCOAT can be thinned between 10% and 40% dependant upon the wet film required. Conventional air or airless spray equipment is suitable for ACRYLIC PRIMER UNDERCOAT application, when using airless spray equipment use a 515 to 518 tip.
2. For brush application ACRYLIC PRIMER UNDERCOAT should be used straight from the can. However, water can be added when evaporation from an open can during use causes an increase in viscosity. Small amounts should be stirred in carefully so as not to over thin the product.

### PRECAUTIONS FOR USE;

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

### PRODUCT DATA;

Gloss level	Flat
Drying Time at 25°C	.5 to 1 hr touch dry, 12 hrs dry
Recommended thinners	Water
Recoat time at 25°C	8 hrs
Theoretical spread rate at 30 microns dry	12 m <sup>2</sup> per ltr
Specific gravity	1.566
Solid content	58.75% W/W
Volume Solids	36%
P.V.C.	55% W/W

### LIMITATIONS

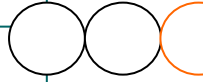
ACRYLIC PRIMER UNDERCOAT is a water based material, therefore, should not be applied during inclement weather or when precipitation and freezing are imminent.

### PACKAGING

20, 10, 4 and 1 Litre open top drums and cans.

### WARRANTY

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### **Overseas**

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