



A Low Odour, *Non Splatter*, Highly Adhesive, Undercoat with High Solids & Good Opacity

PRODUCT TYPE; **Interior 100 % acrylic**

DESCRIPTION

COMMERCIAL UNDERCOAT is a 100% acrylic, water based, high solids undercoat that provides a well adhered base coat for most acrylic and enamel top coats on interior wall surfaces. During roller application the product exhibit minimal to no roller splatter making the product simple and clean to apply.

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

OPACITY

COMMERCIAL UNDERCOAT is a water based undercoat that offers good dry hiding power. Generally, one coat leaves the surface a uniform off white colour that is ready to be top coated. To assist in further enhancing the products opacity the product can be tinted to the final topcoat colour. If necessary, new timber may require light sanding where slight grain lifting can occur. Unlike many product of this nature, the use of Commercial Undercoat will keep grain lifting to a minimum, if any. Commercial Undercoat provides excellent topcoat film holdout.

PRINCIPAL USE

COMMERCIAL UNDERCOAT is manufactured principally for use in the maintenance, restoration and new construction industries on such interior applications as new plasterboard, timber doors, windows frames, and interior skirtings.

Although the product can be used as a stand 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 Commercial Undercoat.

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

SUBSTRATE;

Fibro, brick, concrete, plaster, Gyprock, timber and over existing wall finishes

NOTE: Ensure the correct sealer or preparatory treatment is used on the substrate prior to any application of this material. For Example - On powdery masonry use Astec Rivett in accordance with is relevant Technical Bulletin.

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 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 topcoat.

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.

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 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 Commercial Undercoat, then apply two coats of a suitable top-coat

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

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 Commercial Undercoat, and then apply two coats of a suitable topcoat.

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

APPLICATION;

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

1. For spray applications Commercial Undercoat can be thinned between 10% and 25% dependant upon the wet film required. Conventional air or airless spray equipment is suitable for Commercial Undercoat application, when using airless spray equipment use a 515 to 518 tip.
2. For brush application Commercial 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.
3. For roll application Commercial 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	0.5 to 1 hr touch dry, 12 hrs dry
	Recommended thinners	Water
	Recoat time at 25°C	6hrs
	Theoretical spread rate at 30 microns dry	14.33 m ² per ltr
	Specific gravity	1.639
	Solid content	63.4 % W/W
	Volume Solids	43 % V/V
	P.V.C.	82 % W/W

LIMITATIONS

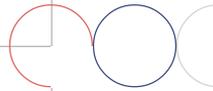
Commercial undercoat is water a based material, therefore, should not be applied during inclement weather or when precipitation and freezing are imminent.

PACKAGING

20, 15, 10 and 4 Litre open top drums and cans.

WARRANTY

The technical data furnished herein is based upon data believed by Astec Paints to be true and accurate at the time of writing, however, no guarantee of accuracy is given or implied and is subject to change without notice. It is given in good faith for the assistance of users. No legal warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with this material herein does so at their own risk absolutely and must make independent determinations of suitability and completeness from all sources to ensure their proper use. We have no control over the condition under which these products are stored, handled or used, therefore our recommendations must not be regarded as a mounting to legal warranty or as involving any liability on us.



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For a complete list of resellers,
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