

INTERIOR/ EXTERIOR

PRODUCT DATA SHEET

## AALTO ALKYD UNDERCOAT

Guarantee is applicable on the use of a full Aalto system

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**TYPICAL APPLICATION:** Interior/exterior oil based sealer for timber, unpainted plaster, plasterglass/ fibrous plaster, wallpaper and old unpainted gib board / gyprock, old MDF / customwood. New and burnt Gib board prior to application of topcoat. Use over old plaster and previously painted surfaces, water or oil based. Good sealer for smoke damaged or tannin stained areas.

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**PRODUCT FEATURES:**

- + Stain resistant
- + Excellent adhesion to plaster
- + High opacity
- + Easy to sand
- + Low odour
- + Note: Not suitable for Totara or Matai timber
- + Not suitable for highly alkaline surfaces, such as concrete etc.

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**COLOUR:** White. Can be tinted towards final topcoat colour.

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**PRODUCT DESCRIPTION:**

Appearance when dry:	Dull flat finish
Pack size:	1, 4, 10 litre
Theoretical coverage:	10 – 14 m <sup>2</sup> / L
Storage temperature:	Minimum 5°C Maximum 50°C
Shelf life:	18 months

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**INTERIOR APPLICATION:**

**Mixing:** Stir well using a broad paddle. Check colour before use. No claim recognised after application.

**Surface preparation:** The surface must be clean, dry and free of all dust, dirt and grease. Loose flaking material must be removed and feathered back to a sound surface. Fill nail holes, cracks and blemishes with the appropriate filler or plaster compound, allow to dry and sand smooth. Patched areas must be fully cured and cleaned prior to painting. Existing or previously coated surfaces should be washed down with a mild detergent solution and rinsed off with clean water. Any mould should be treated with a proprietary mould kill solution until completely removed and sterilised, then wash to remove all traces of chemical. Surfaces should be lightly sanded with all sanding dust removed prior to painting. Work only when environmental conditions are within the recommended range.

**Application note:** When painting mid or deep tone colours it is recommended to tint undercoat towards topcoat colour. It is recommended to allow overnight drying before lightly sanding sealer with 180-200 grit sand paper to ensure an even smooth surface, then wipe clean before applying two coats of chosen finishing product.

**Bare timber:** Refer to initial surface preparation above. Sand timber smooth and remove all sharp edges. After all surface contaminants are removed apply 1-2 coats of Aalto Alkyd Undercoat.

Unpainted plaster, plasterglass/ fibrous plaster:	Refer to initial surface preparation above. Lightly sand new plaster surfaces if possible, to even out variations in the plaster surface. Ensure plaster is fully cured and clean prior to applying Aalto Alkyd Undercoat.
Wallpaper, old unpainted gib board / gyprock, old MDF / customwood:	Refer to initial surface preparation above. After all surface contaminants are removed apply 1-2 coats of Aalto Alkyd Undercoat. When painting gib board/gyprock a fine grain will occur in the paper finish which can be lightly sanded back prior to application of the top coats.

**APPLICATION DETAILS:**

Application temperature range:	10°C - 35°C
Methods:	Brush, roll or spray
Thinners:	Mineral turpentine
Cleaning solvent:	Mineral turpentine
Maximum volume thinners :	5%
Nozzle orifice:	Airless spray 11 - 15 thou
Fan angle and width:	30° - 50°, 150mm
Nozzle pressure:	1800 - 2500 psi
Maximum relative humidity:	75%

**DRYING CHARACTERISTICS:**

Temperature:	20°C
Touch dry:	1 hours
Over-coating:	24 hours

**SAFETY:**

Paint class:	3B
Hazchem:	3Y
UN no:	1263
Flash point:	52°
Toxicity:	Formulated without lead or mercury. Dried film is non-toxic.
Contains:	Low odour spirits (Isoparaffinic Hydrocarbon) 400g/litre

**HEALTH AND SAFETY:**

Special precautions:	<ul style="list-style-type: none"> <li>+ Keep out of reach of children.</li> <li>+ This material is not to be taken internally.</li> <li>+ Avoid contact with eyes and prolonged contact with skin.</li> <li>+ Avoid breathing vapour - use with adequate ventilation.</li> <li>+ Ensure fresh air is available during application and drying.</li> <li>+ Do not eat, drink or smoke whilst using.</li> <li>+ Store in a cool well ventilated area indoors between 5 ° C - 20 ° C</li> <li>+ Seal container after use.</li> <li>+ Protect from freezing</li> <li>+ Dispose of empty container carefully.</li> <li>+ Do not dispose or paint in sewers or waterways.</li> </ul>
Fire:	+ Use foam, carbon dioxide or dry chemical powder.
Spills:	+ Absorb with sand or earth. Collect and seal in properly labelled drums for disposal according to local waste management authority.
<b>FIRST AID:</b>	
If swallowed:	Give water to dilute. Do not induce vomiting. Get medical advice.
Eye contact:	Flush with running water immediately for at least 15 minutes. Get medical attention.
Inhalation:	Leave hazard area, maintain breathing and get medical attention. Remove with soap and water.

This information is intended to give a fair description of the product and its capabilities under specific conditions and is correct at the time of printing. It does not constitute an offer by the manufacturers nor do they warrant or guarantee its accuracy of completeness in describing the performance or suitability of the product. The manufacturer's guarantee is only applicable to full Aalto systems and is limited to product replacement only and does not include surface preparation or application. October 2010