

AALTO ACRYLIC PRIMER UNDERCOAT

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION: Exterior and interior acrylic undercoat for primed or previously painted timber.

PRODUCT FEATURES:

- + Water based
- + High opacity
- + Easy to use
- + Acrylic emulsion/linseed oil combination
- + Excellent adhesion characteristics

COLOUR: White. Can be tinted towards topcoat colour.

PRODUCT DESCRIPTION:

Appearance when dry:	Dull flat finish
Pack size:	1, 4, 10 litre
Theoretical coverage:	10m ² - 12m ² / L
Storage temperature:	Minimum 10°C Maximum 50°C
Shelf life:	18 months
Dry film thickness:	Two coats applied at the theoretical coverage rate will give a dry film build of approximately 82 microns
Wet film thickness per coat:	At the theoretical coverage rate of 12m ² /L, wet film build of approximately 91 microns
Percentage by weight:	63%
Volume solids:	45%
Pot life (@ 25°C):	Single pack

EXTERIOR APPLICATION:

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

Surface preparation: Sand timber smooth and remove all sharp edges. The surface must be clean, dry and free of all dust, dirt, grease and any other surface contaminants. Materials which are loose and flaky must be removed and feathered back to a sound surface. Bare timber should be primed with Aalto Alkyd Primer Undercoat. Existing or previously coated surfaces should be water-blasted, chemical washed or washed down with a mild detergent solution then rinsed thoroughly with clean water. Mould should be treated with a proprietary mould kill solution until completely removed and sterilised, then wash to remove all traces of chemical. The substrate should be thoroughly checked before painting to ensure it is dry and that all potential sources of moisture entry have been eliminated. 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.

New external timber: Bare timber should be primed with Aalto Alkyd Primer Undercoat before applying a coat of Aalto Acrylic Primer Undercoat (applicable for under water based topcoats), please refer to Aalto Alkyd Primer Undercoat for preparation and application details for bare timber. Machine primed timber from the timber processors still needs to be primed with a full coat of Aalto Alkyd Primer Undercoat before applying a coat of Aalto Acrylic Primer Undercoat.

Exposed, weathered timber:	Refer to initial surface preparation above. Repair or replace all rotted or damaged timber and corroded fixings. Sand discoloured or weathered timber back to as-new appearance. After the degraded surface has been removed prime as new timber.
Timber – previously painted:	Refer to initial surface preparation above. Surfaces should be sanded and dust removed prior to painting. Check adhesion of remaining paint and ensure surface is clean and dry. Spot prime bare timber, new fixing points and filler compounds before applying one full coat of Aalto Acrylic Primer Undercoat (applicable for under water based topcoat). Then apply two coats of your chosen topcoat.
Interior Application:	For interior application details please refer to Aalto Sealer Undercoat data sheet.

APPLICATION DETAILS:

Application temperature range:	10°C - 35°C
Methods:	Brush, roll or spray
Thinners:	Water
Cleaning solvent:	Water
Maximum volume thinners :	5%
Spray Gun and fan angle:	Airless, 30° - 50°
Nozzle orifice and nozzle pressure:	11 - 15 thou , 2500 psi
Minimum steel temperature:	N/A
Maximum relative humidity:	75%

DRYING CHARACTERISTICS:

Temperature:	10°C
Touch dry:	2 hours
Handle dry:	8 hours
Full cure:	24 hours
Over-coating:	Brush, roll: When temperatures are above 20°C over-coating can be undertaken after four hours. For best results overnight drying is recommended. Spray: When using airless spray ensure overnight dry between coats.

HEALTH AND SAFETY:

Special precautions:	<ul style="list-style-type: none"> + Keep out of reach of children. + This material is not to be taken internally. + Protect from freezing. + Avoid breathing vapour - use with adequate ventilation. + Seal container after use. + Avoid contact with eyes and prolonged contact with skin. + Dispose of empty container carefully. + Do not dispose or paint in sewers or waterways.
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FIRST AID:

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.

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. March 2004

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