

AALTO ALKYD PRIMER UNDERCOAT

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION: A multi purpose alkyd primer undercoat for exterior and interior timber.

PRODUCT FEATURES:

- + Linseed oil combination
- + High opacity
- + Easy to use

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 5°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 98 microns
Wet film thickness per coat:	At the theoretical coverage rate of 10 ² /L, wet film build of approximately 91 microns
Percentage by weight:	79%
Volume solids:	58%
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. New external timber should be primed before installation. 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: The primer coat on bare timber is best applied by brush and two coats are recommended for highly resinous timber or when grain is still visible after first coat. When painting mid or deep tone colours it is recommended to tint undercoat towards topcoat colour. Lightly sand Aalto Alkyd Primer Undercoat when thoroughly dry with 180-200 grit sandpaper to ensure an even smooth surface.

New external timber: If possible reject timber with planing burrs, raised grain or knots. Remove any resin pockets, bark or gum streaks and fill appropriately. Prepare surfaces as outlined in initial surface preparation above. Prime new timber before installation with 1-2 coats of Aalto Alkyd Primer Undercoat (cut ends require 2 coats of primer). Machine primed timber from the timber processors still needs to be primed with a full coat of Aalto Alkyd Primer Undercoat. If pre-priming is not possible before installation commence priming as soon as possible once timber is fixed. Nail

holes, cracks and blemishes should be filled after the primer has been applied, then spot primed with the same primer. Then apply two coats of your chosen finishing product.

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.

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:	Mineral turpentine
Cleaning solvent:	Mineral turpentine
Maximum volume thinners :	5%
Spray Gun and fan angle:	Airless, 30° - 50°
Nozzle orifice and nozzle pressure:	11 - 12 thou , 1800 - 2000 psi
Minimum steel temperature:	N/A
Maximum relative humidity:	75%

DRYING CHARACTERISTICS:

Temperature:	20°C
Touch dry:	5 hours
Handle dry:	12 hours
Full cure:	24 hours
Over-coating:	For best results overnight drying is recommended.

SAFETY:

Paint class:	3B
Hazchem:	3Y
UN no:	1263
Flash point:	52°
Toxicity:	Formulated without lead or mercury. Dried film is non-toxic.

HEALTH AND SAFETY:

CAUTION- FLAMMABLE!

Contains petroleum solvents. Keep away from heat and open flame.

Special precautions:

- + Keep out of reach of children.
- + This material is not to be taken internally.
- + Avoid contact with eyes and prolonged contact with skin.
- + Avoid breathing vapour - use with adequate ventilation.
- + Ensure fresh air is available during application and drying.
- + Do not eat, drink or smoke whilst using.
- + Store in a cool well ventilated area indoors between 5 ° C - 20 ° C
- + Seal container after use.
- + Protect from freezing
- + Dispose of empty container carefully.
- + Do not dispose or paint in sewers or waterways.

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.

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.

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. March 2004

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