

GE
EXTERIOR / INTERIOR

PRODUCT DATA SHEET

AALTO GLOSS ENAMEL

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION: Oil based enamel for exterior and interior timber work.

PRODUCT FEATURES:

- + Low odour gives a more pleasant application
- + Superb levelling and sag resistance
- + High gloss level
- + High opacity
- + Hard wearing and durable
- + Easy to use

COLOUR: Available in a wide range of colours. Customised colour design available. Attempts to duplicate Aalto colours by eye or by electronic means may give the illusion of a match but in situ the resulting colours will lack the depth, subtlety and complexity of the original.

PRODUCT DESCRIPTION:

Appearance when dry:	85% gloss level at 60° tri gloss meter
Pack size:	1, 4 litre
Theoretical coverage:	12m ² - 14m 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 69 microns
Wet film thickness per coat:	At the theoretical coverage rate of 13m ² /L, wet film build of approximately 77 microns
Percentage by weight:	61%
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.

Initial surface preparation: 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. Surfaces should be sanded and the adhesion of the remaining paint checked. Spot prime bare timber, new fixing points and filler compounds with Aalto Alkyd Primer Undercoat. The substrate should be thoroughly checked before painting to ensure it is clean and dry and that all potential sources of moisture entry have been eliminated. Work only when environmental conditions are within the recommended range.

Application note: It is recommended to lightly sand and clean surface between coats for optimum results. When painting mid or deep tone colours the use of a tinted undercoat is

recommended. Please note that 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.

New, unpainted timber:

Refer to initial surface preparation above. Sand timber smooth and remove all sharp edges. Prime new timber before installation with 1 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. Nail holes, cracks and blemishes should be filled after the primer has been applied, then spot primed with the same primer. For new application after putty apply a second coat of Aalto Alkyd Primer Undercoat. Finish with two coats of Aalto Gloss Enamel.

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 with enamel: Refer to initial surface preparation above. Surfaces should be sanded thoroughly with sanding dust removed. For best results then apply a full coat of Aalto Alkyd Undercoat, followed by two coats of Aalto Gloss Enamel.

Note: As per BRANZ recommendation it is important to note: Applying a dark colour directly over a light one can cause a previously sound coating to lose adhesion because of the higher surface temperatures, which will result in increased movement in the timber causing damage.

Interior Application: For interior application details please refer to Aalto Semi Gloss Enamel data sheet.

Steel - Interior / Exterior For steel application details please refer to Aalto Corroless QD data sheet.

APPLICATION DETAILS:

Application temperature range:	10°C - 35°C
Methods:	Brush, roll or spray
Thinners:	Mineral turpentine (will add odour if used)
Cleaning solvent:	Mineral turpentine
Maximum volume thinners:	5%
Nozzle orifice, pressure & fan angle:	Airless spray, 11 - 12 thou, 1800-2500 psi, 30° - 50° (Fan width 150mm)
Minimum steel temperature:	10 °C
Maximum relative humidity:	75%

DRYING CHARACTERISTICS:

Temperature:	20°C
Touch dry:	5 hours
Handle dry:	12 hours
Full cure:	7 days
Over-coating:	Always allow a minimum of 16 hours at 20 °C drying time between coats. If the product is left for more than 24 hours lightly sand the surface before re-coating.

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">+ 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.+ Use foam, carbon dioxide or dry chemical powder.
Fire:	
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