

PTF  
INTERIOR/ EXTERIOR

PRODUCT DATA SHEET

## AALTO PIGMENTED TIMBER FINISH

Guarantee is applicable on the use of a full Aalto system

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**TYPICAL APPLICATION:** Premium water based polyurethane product for interior/ exterior timber surfaces. Including window frames, doors, furniture, ceilings and walls.

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**PRODUCT FEATURES:**

- + Clear, non-yellowing finish
- + Quick drying, low odour
- + Durable with good abrasion resistance
- + Protects surfaces against alcohol, water and most household chemicals
- + Easily cleanable
- + No blocking

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**COLOUR:** Clear, non-yellowing. 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.

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**PRODUCT DESCRIPTION:**

Appearance when dry:	Matt 10- 12%, Satin – 30- 35% at 60° tri gloss meter
Pack size:	1, 4, 10 litre
Theoretical coverage:	10-12m <sup>2</sup> /L. Will vary depending on the substrate.
Storage temperature:	Minimum 10°C Maximum 50°C
Shelf life:	18 months
Dry film thickness:	Applied at the theoretical coverage rate will give a dry film build of approximately 23 microns per coat
Wet film thickness per coat:	At the theoretical coverage rate of 12m <sup>2</sup> /L, wet film build of approximately 83 microns

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**APPLICATION:**

**Mixing:** Stir well before and during use – do not shake. Material is designed to be applied directly from the can.

**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. 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. Dull glossy areas by sanding (do not use steel wool).

**Application note:** Aalto Pigmented Timber Finish appears milky when wet but dries to a clear finish. Prior to application over painted surfaces, test on a small area to ensure the desired colour and effect is achieved. Sand lightly between coats.

**Timber:** Refer to initial surface preparation above. Fill open grained timber with suitable wood filler, allow to dry and sand smooth. Sand timber smooth and remove all sharp edges. Always work in the direction of the grain and maintain a wet edge.

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Apply along timber grain in thin even coats. Avoid overlaps or working back on dry areas. Apply three coats to new timber.

Previously coated surfaces: Remove old finishes in poor condition then prepare surfaces as outlined in the initial surface preparation above. Apply two coats of Aalto Pigmented Timber Finish.

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**APPLICATION DETAILS:**

Application temperature range: 10°C - 35°C  
 Methods: Good quality synthetic brush, short-nap roller or applicator pad. Brushing with the grain of the timber.  
 Max volume thinners: Do not thin  
 Cleaning solvent: Water  
 Maximum relative humidity: 75%

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**DRYING CHARACTERISTICS:**

Temperature: 20°C  
 Touch dry: 60 Minutes  
 Recoat Time: 2 hours  
 Full cure: 24 Hours

Over-coating: When temperatures are above 20°C over coating can be undertaken after two hours, otherwise overnight dry is recommended.

Do not apply if the air or surface temperature during application and drying is likely to fall below 10°C.

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**HEALTH AND SAFETY:**

**Environmental:** Aalto acrylic products are formulated with the latest available resins to give you both high performance and also to meet low VOC (Volatile Organic Compound) levels set out in current local standards. Likewise levels of environmentally harmful substances are either significantly reduced or eliminated

Special precautions:

- + 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.

**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.

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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