

WBE(S)  
INTERIOR

PRODUCT DATA SHEET

## AALTO WATER BASED ENAMEL SEMI GLOSS

Guarantee is applicable on the use of a full Aalto system

**TYPICAL APPLICATION:** Quick drying, environmentally friendly, water based enamel for interior trim work, doors, walls and ceilings. Ideal for use in bathrooms, laundries and areas susceptible to high water condensation.

**PRODUCT FEATURES:**

- + Easy to use
- + Dries to hard, washable surface
- + Excellent colour retention
- + No unpleasant odour during application
- + A true acrylic enamel
- + Excellent opacity and levelling properties

**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:	40% - 50 % sheen level at 60° tri gloss meter
Pack size:	1, 4 litre
Theoretical coverage:	10m <sup>2</sup> - 12m <sup>2</sup> / 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 83 microns
Wet film thickness per coat:	At the theoretical coverage rate of 11m <sup>2</sup> /L, wet film build of approximately 91 microns
Percentage by weight:	56%
Volume solids:	45.5%
Pot life (@ 25°C):	Single pack

**INTERIOR 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 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 spot priming with Aalto Sealer Undercoat. Existing or previously painted surfaces should be washed down with a mild detergent solution and rinsed off 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 lightly sanded with all sanding dust removed prior to painting. 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.

Unpainted gib board / gyprock, plaster, MDF, customwood, wallpaper: Refer to initial surface preparation above. After all surface contaminants are removed seal with 1-2 coats of Aalto Sealer Undercoat. Lightly sand the sealer with 180-200 grit sand paper to ensure an even smooth surface, clean, then apply two

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coats of Aalto Water Based Enamel Semi Gloss.

Timber:	Refer to initial surface preparation above. Sand timber smooth and remove all sharp edges. Apply 1-2 coats of Aalto Sealer Undercoat then lightly sand the sealer with 180-200 grit sand paper to ensure an even smooth surface, clean, then apply two coats of Aalto Water Based Enamel Semi Gloss.
Surfaces previously painted with acrylic:	Refer to initial surface preparation above. Surfaces should be lightly sanded and dust removed prior to painting. Spot prime bare patches with alkyd Aalto Sealer Undercoat or Aalto Grip Undercoat. For best results apply one full coat of Aalto Grip Undercoat, followed by two coats of Aalto Water Based Enamel Semi Gloss.
Surfaces previously painted with enamel:	Refer to initial surface preparation above. Surfaces should be sanded <u>thoroughly</u> with sanding dust removed. Spot prime bare patches with alkyd Aalto Sealer Undercoat. For best results then apply a full coat of Aalto Grip, followed by two coats of Aalto Water Based Enamel Semi Gloss.
Galvanised steel – new unpainted:	Clean with a metal degreaser and rinse with clean water. Undercoat with Corroless QD or Aalto Galvanised Iron Primer, then apply two coats of Aalto Water Based Enamel Semi Gloss.
Steel previously painted with acrylic / enamel:	Sand surface to a dull finish and remove all dirt, grease and loose flaking material. Rust must be removed and spot primed with Corroless QD, followed by a full coat of Corroless QD (over enamel) or Aalto Galvanised Iron Primer (optional over acrylic), then two coats of Aalto Water Based Enamel.

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#### APPLICATION DETAILS:

Application temperature range:	10°C - 35°C Note: Do not apply when air or surface temperature is likely to fall below 10°C or in high humidity conditions
Methods:	Brush, roll or spray
Thinners:	Water
Cleaning solvent:	Water
Maximum volume thinners:	5%
	Note: Thin if paint thickens during prolonged use or when applying over extremely porous surfaces.
Nozzle orifice:	Airless spray 14 - 17 thou
Fan angle and width:	30° - 50°, 150mm
Nozzle pressure:	2500 psi
Minimum steel temperature:	N/A
Maximum relative humidity:	75%

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#### DRYING CHARACTERISTICS:

Temperature:	20°C
Relative humidity:	50%
Touch dry:	2 hours
Re-coat minimum:	12 hours
Over-coating:	Always allow overnight dry between coats. Re-coating must not be undertaken before 12 hours.

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#### 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>+ Protect from freezing.</li> <li>+ Avoid breathing vapour - use with adequate ventilation.</li> <li>+ Seal container after use.</li> <li>+ Avoid contact with eyes and prolonged contact with skin.</li> <li>+ Dispose of empty container carefully.</li> <li>+ Do not dispose or paint in sewers or waterways.</li> </ul>
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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.

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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. September 03