

MET
EXTERIOR / INTERIOR

PRODUCT DATA SHEET

AALTO PRECIOUS METAL

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION: Metallic water based enamel for interior and exterior use. Hard, washable surface with excellent colour retention and weather resistance. Exterior use is restricted to areas which have low potential for cracking and swelling.

PRODUCT FEATURES:

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

COLOUR: Aalto Precious Metal has a range of 36 standard colours. 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:	Metallic Semi Gloss 45% sheen level at 60° tri gloss meter
Pack size:	1, 4 litre
Theoretical coverage:	12m ² - 14m 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 80 microns
Wet film thickness per coat:	At the theoretical coverage rate of 12m ² /L, wet film build of approximately 83 microns
Percentage by weight:	48%
Volume solids:	48%
Pot life (@ 25°C):	Single pack

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. Existing or previously coated surfaces should be washed down with a mild detergent solution then rinsed thoroughly with clean water or alternatively water blast/chemical wash exterior surfaces. 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 and patched areas. 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. For extreme colour changes the use of a tinted undercoat is recommended.

INTERIOR

Unpainted drywall, plaster, MDF/
 customwood, timber, 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

Surfaces previously painted with acrylic:	with 180-200 grit sand paper to ensure an even smooth surface, clean, then apply two coats of Aalto Precious Metal. 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 Precious Metal.
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 Precious Metal.
EXTERIOR	
Timber:	Refer to initial surface preparation above. Sand timber smooth and remove all sharp edges. Sand discoloured or weathered timber back to as-new appearance. Prime bare timber with 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 best results after priming then apply one coat of Aalto Acrylic Primer Undercoat, followed by two coats of Aalto Precious Metal.
Timber previously painted acrylic:	Refer to initial surface preparation above. For best results then apply one full coat of Aalto Acrylic Primer Undercoat, followed by two coats of Aalto Precious Metals.
Timber previously painted enamel:	Refer to initial surface preparation above. Surfaces should be sanded <u>thoroughly</u> with sanding dust removed, then apply two coats of Aalto Precious Metals
Steel – interior/exterior	For steel application details please refer to Aalto Galvanised Iron Primer or Aalto Corroless QD data sheets.
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 Note: When using a spray gun, apply with full even coats, feathering off with tip of brush or light pressure of roller. HVLP equipment recommended.
Thinners:	Water. Thin if paint thickens during prolonged use or when applying over extremely porous surface. Max volume thinners 5%
Cleaning solvent:	Water
Spraying Application :	HVLP (High Volume Low Pressure) spray gun
Tip:	Number 3
Thinners:	Not required
Atomisation:	100%
Minimum steel temperature:	N/A
Maximum relative humidity:	75%
DRYING CHARACTERISTICS:	
Temperature:	20°C
Relative Humidity:	50%
Touch dry:	2 hours
Full cure:	12 hours
Over-coating:	Always allow overnight dry between coats. Recoating must not be undertaken before 12 hours.
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.
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. June 2004