

EXTERIOR FLAT

PRODUCT DATA SHEET

AALTO EXTERIOR FLAT

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION:

A 100% acrylic based exterior flat paint. Specially formulated with ceramic pigments to give easy spray application with an excellent tough, durable, washable surface. Excellent flow properties drying to an ultra low sheen finish. High performance spray application. Product can also be rolled or brushed and achieve the same high quality of finish.

PRODUCT FEATURES:

- + Premium quality
- + 100% acrylic polymer
- + Long life, low dirt collection
- + Flat finish

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:

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| Appearance when dry: | Low sheen finish, 2- 5% sheen level at 60° tri gloss meter |
| Pack size: | 1, 4, 10 litre |
| Theoretical coverage: | 10-12 m ² per litre. Coverage depends on surface profile and porosity. |
| Storage temperature: | Minimum 10°C Maximum 50°C |
| Shelf life: | 18 months |
| V.O.C. | 50 g/ltr |

EXTERIOR APPLICATION:

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| 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 concrete and masonry surfaces, including polymer concrete's, should have a minimum curing stand down period of 28 days prior to painting. Or after a minimum of 7 days apply one coat of Aalto Lime Stop. 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. |
| New unpainted - masonry, concrete, compressed sheeting, cement plaster / render and unglazed brick, fibrolite/ EIFS Systems: | |
| Application note: | When painting mid or deep tone colours the use of a tinted undercoat is recommended. |

Previously painted acrylic - masonry, fibrolite, compressed sheeting, concrete, plaster / render and unglazed brick:

Refer to initial surface preparation above. Clean by water blasting, chemical washing or by scrubbing down with a stiff bristle broom using a mild detergent solution then rinse thoroughly with clean water. Check adhesion of existing paint and ensure surface is clean and dry. Fill any cracks in the surface with a paintable filler or sealant. Spot prime bare surface and patched areas with Aalto Acrylic Primer, followed by two coats of Aalto Exterior Flat.

Wood:

Generally requires a primer to fill and seal the surface. An Oil or water based primer can be used. Exterior surfaces should use an oil based primer (Aalto Sealer Undercoat)

APPLICATION DETAILS:

Methods:

Airless spray application: Pressure 2500 psi, max. tip size 515-619. Add up to 5% potable water.

Brush roller application (dacron roller or masterflow brush). Add up to 5% potable water on hot, windy days to reduce drag and keep a wet edge.

Application temperature range:

10°C - 35°C Note: Do not apply when air or surface temperature is likely to fall below 10°C

Maximum relative humidity:

75%

Thinners:

Water

Cleaning solvent:

Water

Maximum volume thinners:

5%

DRYING CHARACTERISTICS:

Temperature:

20°C

Touch dry:

1 hours

Full cure:

24 hours

Over-coating:

Brush, roll: When temperatures are above 20°C over-coating can be undertaken after two hours. Otherwise, overnight drying is recommended.

Spray: When using airless spray ensure overnight dry between coats.

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.

HEALTH AND SAFETY:

Special precautions:

ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.

- + 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:

Eye contact:

Give water to dilute. Do not induce vomiting. Get medical advice.
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. October 2010