

GIP
EXTERIOR

PRODUCT DATA SHEET

AALTO GALVANISED IRON PRIMER

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION:

A water based primer formulated on acrylic latex and designed for maximum adhesion and protection, to metallic substrates. Contains corrosion inhibitor. Recommended for use on galvanised iron (chromated or not), zincalume, aluminium and steel. It may also be used on concrete and FRC (fibre reinforced concrete) surfaces. Can be over coated by most water based topcoats.

PRODUCT FEATURES:

- + Water based
- + Anti-corrosive
- + Quick drying
- + Excellent adhesion to galvanised iron
- + Acrylic latex resin

COLOUR: Light Grey

PRODUCT DESCRIPTION:

Appearance when dry:	Low Sheen
Pack size:	1, 4, 10 litre
Theoretical coverage:	10m ² - 12m ² / L For corrugated iron add about 35% to the measured length x width, to get total flat area to be painted. For long run roofing add about 45%.
Storage temperature:	Minimum 10°C Maximum 50°C
Shelf life:	12-18 months

APPLICATION:

Mixing:	Stir thoroughly before and during use.
Initial surface preparation:	<p>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. New galvanised surfaces should be thoroughly washed with a degreasing solution. Existing surfaces should be water blasted / chemical washed or washed down with a mild detergent solution using a bristle brush. Mould should be treated with a proprietary mould kill solution until completely removed and sterilised, then wash to remove all traces of chemicals. Where white or red rust is present it should be removed using Aalto Rust Kill Cleaner. Avoid unnecessary removal of galvanised coating. Spot prime areas with Galvanised Iron Primer followed by one full coat of Galvanised Iron Primer.</p> <p>Aalto Galvanised Iron Primer is only suitable for water based topcoats. For an oil based system refer to Aalto Oil Based Etch Primer data sheet.</p>
Application note:	<p>Work only when environmental conditions are within the recommended range. Allow sufficient time for the paint to dry ahead of any occurrence of rain or dew. Do not leave exposed for an extended period of time, overcoat as soon as possible.</p> <p>Where there is danger of salt deposits in coastal areas the surface should be washed down with clean water and allowed to dry each day before work starts. Two primer coats should be applied in marine and severe environments.</p>

	Galvanised iron sheets that are lapped must be coated in the lap areas to stop corrosion.
New unpainted galvanised and zinc/aluminium coated metals:	Refer to initial surface preparation above. Any damages to the galvanised surface from handling etc. should be cleaned down to the base metal by grinding, wire brushing and sanding then spot primed with one coat of Galvanised Iron Primer. Ensure surface is patched and cleaned before priming with a full coat Aalto Galvanised Iron Primer followed by chosen acrylic topcoats.
Exposed weathered galvanised surfaces:	Refer to initial surface preparation above. Any defects or worn patches in the protective zinc or alloy layer should be spot primed with Aalto Galvanised Iron Primer before a full coat of Aalto Galvanised Iron Primer is applied. For best results apply two coats of Aalto Galvanised Iron Primer before applying chosen acrylic topcoats.
Previously painted galvanised and zinc/aluminium coated metals:	Surfaces should be prepared as outlined in the initial surface preparation to remove loose material and leave surface smooth. Previously painted surfaces, in good condition, generally only require spot priming of bare patches, however a full coat of Aalto Galvanised Iron Primer is recommended. For best results apply a further coat of Aalto Galvanised Iron Primer before applying chosen acrylic topcoats.
Aluminium/Bronze:	Remove all grease/oil. Apply directly, 1-2 coats of Aalto Galvanised Iron Primer.
Steel/ Iron:	Remove all grease/oil. Wire brush all surface rust. Apply Aalto Rust Kill if appropriate then 1-2 coats Aalto Galvanised Iron Primer.
Application Note:	Stir thoroughly with a wide flat stirrer before and during use as the anticorrosive pigments have a tendency to settle. Exterior applications, e.g. roofs, are generally over coated with Aalto Gloss Acrylic, but the Aalto Galvanised Iron Primers can be left uncoated for 3-6 months before being coated. Wash down thoroughly before coating however.

APPLICATION DETAILS:

Application temperature range:	10°C - 35°C
Methods:	Brush, roller, spray. Apply in full even coats.
Thinner:	Water
Maximum Volume Thinners:	Thinning not normally necessary. If spraying, maximum thinning is 0.5 litres water per 10 litres of paint.
Nozzle orifice:	Airless 15 - 20 thou
Fan angle:	30° - 50°
Nozzle pressure:	2500 psi
Cleaning solvent:	Water
Minimum steel temperature:	10°C
Maximum relative humidity:	75%

DRYING CHARACTERISTICS:

Temperature:	20°C
Touch dry:	1 hour
Full cure:	12 hours
Over-coating:	It is recommended to allow overnight dry between coats. When temperatures are above 20°C over coating can be undertaken after two 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.
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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.

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