

GIP
EXTERIOR

PRODUCT DATA SHEET

AALTO GALVANISED IRON PRIMER

Guarantee is applicable on the use of a full Aalto system

TYPICAL APPLICATION: An anti-corrosive water based primer for galvanised iron roofing and surfaces. Suitable for galvanised and zinc/aluminium alloy-coated metals.

PRODUCT FEATURES:

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

COLOUR: Grey

PRODUCT DESCRIPTION:

Appearance when dry:	Low Sheen
Pack size:	4, 10 litre
Theoretical coverage:	10m ² - 12m ² / L
Storage temperature:	Minimum 10°C Maximum 50°C
Shelf life:	12-18 months
Dry film thickness:	Typical 40 microns
Wet film thickness per coat:	Typical 100 microns
Percentage by weight:	42%
Volume solids:	39%
Pot life (@ 25°C):	Single pack

APPLICATION:

Mixing: Stir thoroughly before and during use.

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. 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 chemical. Spot prime all non galvanised surfaces with Corroless QD. Where corrosion (white or red rust) is present it should be removed using rust scrapers, chipping hammers, needle guns, wire brushing etc. (to SA1 or SA2 Swedish Surface Preparation Standards). Avoid unnecessary removal of galvanised coating. After removal of rust, wash thoroughly and spot prime with Corroless QD as soon as the surface is dry, then spot prime Corroless QD with a further coat of Aalto Galvanised Iron Primer.

Application note: Aalto Galvanised Iron Primer is only suitable for water based topcoats.

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.

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.

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 Corroless QD. Ensure surface is patched and cleaned before priming with a full coat Aalto Galvanised Iron Primer. For best results apply a further coat of Aalto Galvanised Iron Primer before applying 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 Corroless QD before a full coat of Aalto Galvanised Iron Primer is applied. For best results apply a further coat 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.

APPLICATION DETAILS:

Application temperature range:	10°C - 35°C
Methods:	Brush, roller, spray. Apply in full even coats.
Thinner:	Water
Maximum Volume Thinners:	5%
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:	10°C	20°C
Touch dry:	2 hours	1 hour
Handle dry:	6 hours	3 hour
Full cure:	24 hours	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 four 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.