



HYDRO

Environmental product declaration

Company name	HydroAluminium, Rolled Products AS		
Address	Weidemannsgate 8 N-3081 Holmestrand	Registration No	975934578
		Contact Telephone No	Sales department +47 330 54200
Environmental Work:	Certified management systems in accordance with ISO 9001: 2000, ISO-TS 16949:2002 and ISO 14001:2004.		
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Coil coated aluminium sheet and strip

Declaration of contents

Aluminium and aluminium alloys and coil coated sheets and strip for general application in conformity to NS-EN 1396.

Recycled material

Product (alloy 3105) contains approx. 70 % recycled material.

Surface coating, typical values:

Top coat, Front side 25 µm
Type: Polyester or PVDF
Reverse side 5 µm
Type: Polyester or Epoxy

Pretreatment

Aluminiumoxide on both sides.
No heavy metals or toxic components are used in the pre-treatment or coatings.

Dimensions

Thickness, possible range: 0,2 -2,0 mm

Raw material origin

The coated product is based on aluminium re-melted, casted and rolled in Holmestrand.

Production

Energy consumption and emission

Electricity is used for operating the production machinery. Butane/propane is used for melting in the casthouse and for heat-curing the lacquers in the paintlines together with solvents from the paints. The CC-lacquering process give very low (< 5%) emission to air compared with normal lacquering.

Distribution

Production locality

Holmestrand, Norway

Distribution

The product is mainly carried by long distance truck.

Packaging

The product is normally packaged with combinations of polyethylene film, paperboard, steel/plastic straps and pallets depending on the destination and the customer's requirements. Some of the packaging can be reused, while the remainder may be used for heat-recovery.

The Construction phase

No environmental influence

Material recovery

Aluminium can be 100% recycled. Utilized waste from building, maintenance and demolition work and workshops should be separated and returned to the aluminium industry through the scrap trade.

Working Environment

With conventional use the aluminium plate don't involve any health risks. Respiratory protection should be used when grinding and welding. The lacquers used contain no heavy metals, toxic or cancerogenic components.