



Pre-painted aluminium
for traffic and road signs



Product description

Novelis pre-painted aluminium is the ideal material for the production of traffic and road signs. Due to the high quality of its surface coating, it can be immediately processed without any further pre-treatment. Alloy and coating of the material conform exactly to the special requirements of traffic and road signs.

The clear lacquer on the front side is suited for application with reflective film. Novelis pre-painted aluminium is continually being further developed with respect to workability and compatibility with reflective films, attachment elements, and other features. The reverse side of the material is delivered painted according to national specifications.

A special feature of Novelis pre-painted aluminium for traffic signs is its enormous versatility. The already painted and pre-treated blanks not only save production time, but also lessen the manufacturing risk. In addition, the coil coating process employed in the manufacture provides a paint and surface quality that cannot be attained at the same cost by any other method.

Advantages

- **Front side:** clean, absolutely fat-free surface, ideal for applying reflective film
- **Reverse side:** grey according to national regulations, upon request laminated with protective film
- Excellent weather resistance
- Reproducible high surface quality due to coil coating
- No expensive individual coating process necessary, hence shorter production times, less capital input and lower production risk.

Alloy of 3000 and 5000 series according to EN 573-3, 1000 series upon request.



Coating

- **Front side:** ideally suited for application of reflective film
- **Reverse side:** pre-treated, primed and finished with a topcoat
- Double-layer baked enamel painting system for optimal weather resistance of the signs
- Coating conforms to respective national specifications with regard to paint thickness, colour, etc.

Product line

Novelis pre-painted aluminium for traffic signs is delivered either as coil, sheet, or blank. The blanks are manufactured according to national specifications, upon request also with

corner radii. Coil-coated aluminium sheets are available in widths up to 2,000 mm and in lengths of up to 5,000 mm. Blanks and sheets are available in thicknesses of up to 3,1 mm.

Quality control

The Göttingen and Nachterstedt factories of Novelis Deutschland GmbH operates according to a certified QS system in compliance to DIN EN ISO 9001, with additional quality controls which are continuously being further developed. The quality controls are implemented according to the European directives DIN, ASTM, BS and ECCA. The Novelis Environmental Management System is certified according to DIN EN ISO 14001.

Specifications

Alloy	According to EN 573-3 1000, 3000, 5000 series
Pre-treatment	Chemically degreased and pre-treated
Coating	Reverse side: polyester coating Front side: primer suitable for application of reflective film Further coating specifications upon request
Gloss factor	According to national specifications
Formats	Thicknesses of up to 3.1 mm Width max. 2,000 mm Sheets max. 2,000 x 5,000 mm Other formats upon request
Blank dimensions	Upon request – standard programs for some countries in stock

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