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## AluSign

This specification is valid for AluSign sheets. The surface is aluminium matte and the letters and numbers will be black after engraving by laser light.

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### 1. Metal Specification

- 1.1. Alloy: EN AW-3005 [Al Mn1 Mg0.5]
- 1.2. Temper: H48
- 1.3. Mechanical Properties:  
Tensile strength Rm : 205 - 250 MPa  
Proof stress Rp0,2 : > 180 MPa  
Elongation A50 : > 2 %
- 1.4. Thickness: 0.5 mm incl. paint, metal thickness: 0.47 mm +/- 0.02 mm
- 1.5. Sheet dimensions: 1000 mm x 500 mm

### 2. Coating and Coating Properties

- 2.1 Pretreatment: degreased and chemical pretreated
- 2.2 Coat systems: polyester/polyurethane
- 2.3 Screen Printing: The surface is suitable for screen printing with most common used inks. Tests must be done carefully before production start.
- 2.4 Laser engraving: The surface is suitable for laser engraving. Tests must be done carefully before production start.
- 2.5 Bottom side: degreased, pretreated and painted with protective lacquer (app. 3 µm thickness)

### 3. Environmental Statement

This material is conform to the EU Directive 2002/95/EC of the European Parliament ('RoHS' = Restriction of the use of certain Hazardous Substances in electrical and electronic equipment).

### 4. Remarks

The sheets must be stocked in a dry and clean place to ensure the processing without any

Note: The above information is given in good faith, but no warranty, express or implied, is given.