



GENERAL ENGINEERING PLATES

Slim Fusina Rolling provides a **wide range of General Engineering products, Heat Treated or Not Heat Treated**, to meet and satisfy all customer requirements.

A dedicated Hot rolling process and stretching allows a wide dimensional range of plates in the main 1xxx, 5xxx up to 80 mm with minor deviations from flatness compared to the applicable International standards. Thicker gauges are also available after a dedicated technical enquiries to evaluate the feasibility and the final quality result in relation to the application.

The Heat Treated plates are produced through an efficient and innovative process that has been standardized and approved by ASTM (ASTMB947) to guarantee the conformance of the alloy 6061 in the tempers T451 and T651 to the US Standards for General Engineering Products.

Slim Performance

Slim Fusina Rolling is synonymous with high quality aluminium products and plates.

We excel through:

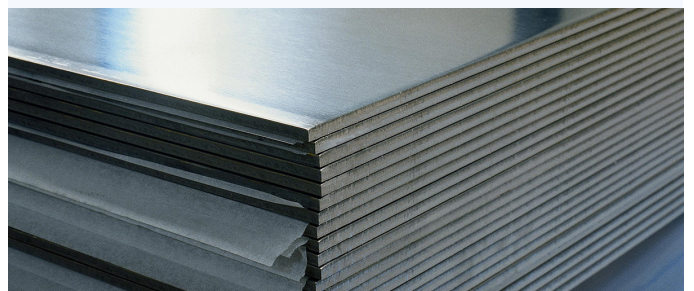
- An extensive range of dimensions and alloys.
- High integrity aluminium plate for demanding applications.
- Low residual stress before and after sawing.
- Tighter dimensional requirements than specified by industry standards.
- Brushed surface: Satin Finish Plate, the first brushed finish available in Europe under request.

Slim Service

Slim Fusina Rolling is reliable and consistent.

Our experience ensures we provide our customers with:

- Shortest possible lead times.
- Excellent delivery performance.
- Minimum quantities of 1000 kg.
- Low minimum quantities even on non-standard sizes.

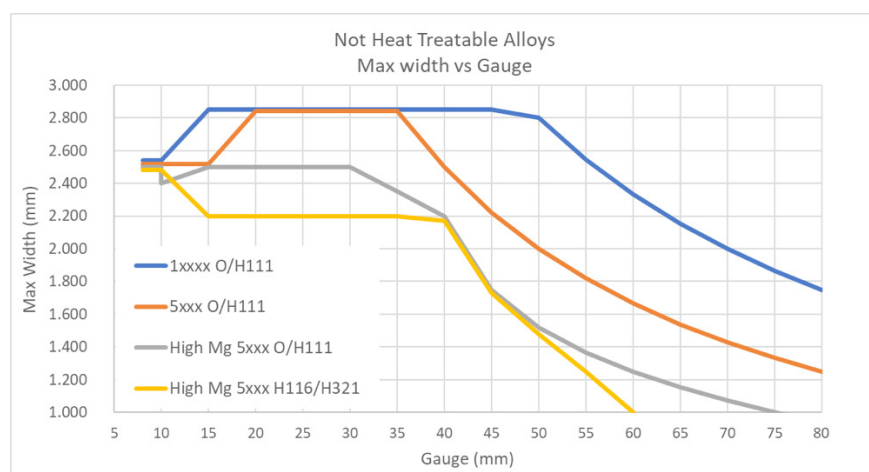


The following chart reports the maximum width available at the different gauges for each alloy group as initial guidance before to go through a specific technical enquiry for those products at the capability limits. Based on the specific product requested, the plates can be offered with a maximum length of 8000 mm or 12000 mm, brushed on both surfaces and protected with PE foil or interleave tissue paper.

List of the main alloys offered:

Alloy				
Not Heat Treatable			Heat Treatable	
1xxx	5xxx	High Mg 5xxx	6xxx	Others
1050A	5052	5083	6061	2017A
	5251	5086	6082	7020
Other 1xxx (1060, 1070, 1350...) are available upon request	5454	5456	6013 (*)	
	5754	5383		

(*) 6013 supplied within quality agreement with customers.



The mechanical properties of SLIM Fusina Rolling GE plates are guaranteed in accordance to the main standards (EN 485-2 for all the alloys and to ASTM B209 for the alloy 6061).

Specific alloys (like 2017A, 6013 and 7020) has been developed to offer an alternative to the traditional HT alloys to be applied in specific niche markets.

