

# Sheets and Shates Amorebieta



Aludium produces aluminium sheet and shate products in a wide range of alloys and sizes.



Aludium's processes ensure our sheets and shates exceed the requirements of European norms (EN). The specifications of individual products can be tailored to meet customerspecific requirements on request.

Aludium's sheet and shate products are widely used in applications such as automotive and commercial road transport, building and construction (including aluminium sidings) and a wide variety of other industrial applications.



## Technical data: sheets & shates Amorebieta

<b>Alloys</b>	Family 1: 1050, 1070, 1080, 1085, 1090, 1200, 1350 3003, 3005, 3103, 3105 5005 8006, 8011, 8021, 8079 Family 2: 3004 / 3104, 5042, 5049, 5050, 5052, 5083, 5251, 5505, 5657, 5754				
<b>Chemical Composition</b>	According to EN-573/3				
<b>Mechanical Properties</b>	According to EN 485-2				
<b>Thickness range [mm]</b>	0.5 -1.5 (under request 5XXX and 3XXX H12)	1.5-2.0	2.0 – 4.0	4.0-5.0 (only O, H111, H32, H12, H22, H14)	5.0-6.0 (1XXX O, H111, H32, H12, H22, H14) (5005 O, H111, H32, H12, H22, H14, H24) (5XXX Only F)
<b>Width range [mm]</b>	800-1500	800-1660	800-1540 (under request up to 1660)	800-1540	800 – 1540
<b>Length range [mm]</b>	600-6000	600-6000	600-6100	600-6100	600-6100
<b>Diameter and weight</b>	Modular weight: • 5XXX: 6.0 kg/mm • Rest: 6.4 kg/mm				
<b>Dimensional tolerances</b>	Where applicable, according to En 485-4				
<b>Surface Quality</b>	Mill Finish AQ (*) Anodized (**) Protected with film (UVA resistant, to be cut with laser...)				

(\*) AQ (TAN / DEA) for 5005 and 1050 in the range 0.6 – 4.0 mm. Others thicknesses under request. Only suitable to be anodized in the top side. Customer to etch 6 microns in TAN applications and 20 microns in DEA applications.

(\*\*) 5005 in the range 0.5 – 3.0 mm

### Certification

- ISO 9001 quality standards
- ISO 14001 environmental standards
- ISO 17025 Cindal accreditation

Certification to other standards can be provided on request. For example, IATF 16949 may be used for automotive applications.

