About Novelis

Not just aluminium, Novelis Aluminium.™

Novelis is the world´s largest producer of rolled aluminum and the global leader in beverage can recycling. We are a growth-oriented company, drawing upon our industry-leading technology and expertise to develop and deliver an expanding portfolio of premium rolled aluminum products.

Novelis is an important part of the worldwide Aditya Birla Group of companies. By partnering with our customers to bring innovative products to market, by being a leader in recycling, and by operating with a mindset of sustainability, Novelis makes the world lighter, brighter and better.

Novelis Deutschland GmbH
Werk Nachterstedt
Gaterslebener Strasse 1
D-06469 Stadt Seeland
tel +49 3 47 41 77-0
fax +49 3 47 41 62 03
specialities@novelis.com

Novelis Switzerland SA
Werk Sierre
Route des Laminoirs 15
3960 Sierre
Switzerland

Certified to DIN EN ISO 9001, DIN EN ISO 14001, DIN EN ISO 50001, OHSAS 18001. All the information and technical data given reflect the situation and our experience on the date when this brochure went to print. We reserve the right to make changes.

novelis.com

11/2016 mein marketTeam

Products

Structured surface for design applications

SSL

Novelis Novelis

SSL – Structured surface for design applications

SSL stands for structured surface for design applications. The decorative surface imitates a brushed stainless steel finish.

Upon anodising the aluminium becomes more durable and has a highly resistant protective layer.

The established Novelis Anodising Quality is used as base material. This ensures that the advantages of aluminium are perfectly combined with the aesthetics of brushed stainless steel.

The excellent aluminium characteristics combined with an aesthetical anti-fingerprint surface offers a large variety of applications

Aesthetics of stainless steel meets lightness of aluminium

Advantages

- anti-fingerprint
- weather-proof and UV-resistant
- high abrasion resistance
- anti-static
- resistant to neutral cleansers, dirt and corrosion
- potential for significant weight reduction
- more pliable than stainless steel
- a more uniform surface compared to brushed finishes

Mechanical strength

Strength values to EN 485-2				
Gauge (mm)	Temper	Tensile strength R_m	Yield point $R_{p\,0,2}$	Elongation A_{50}
2.0	H14	145 - 185 MPa	≥ 120 MPa	≥ 3%

Typical strength values to (not guaranteed)				
Gauge (mm)	Temper	Tensile strength R_m	Yield point $R_{p\,0,2}$	Elongation A_{50}
2.0	H14	165 MPa	155 MPa	≥ 5%

Specifications

Material	EN AW-5005A H14 (AlMg1)						
Surface	SSL Finish on one side						
Anodised layer	Coil anodised, 10 µm on SSL side						
Gauge	0.5	0.8	1.0	1.5	2.0	2.5	3.0
1.000 X 2.000 mm	■	■	■	■	■	■	■
1.250 X 2.500 mm	■	■	■	■	■	■	■
1.500 X 3.000 mm		■	■	■	■	■	■
Protective film	(1)	(2)	Laserguard 3100 H5, 100 µm				
	(1) without protective film (2) protective film 80 µm, UV-resistant coils and other dimensions on request				■ stock material (pallet 1.000 Kg) ■ full ingot		
according to EN	485-1, 2, 4 und 573-3						

Surface can also be produced without the anodised layer. Other alloys and anodised layers on request.
Stock material is subject to prior sale.