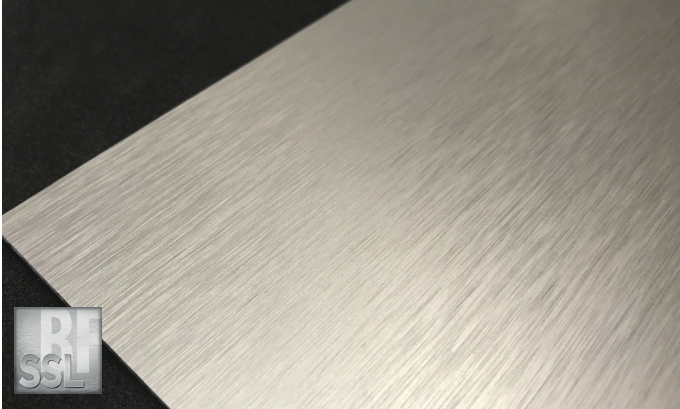


Novelis SSL BF Anodised for Striking Appearance



SSL BF – the new structured aluminium surface for design applications.



Due to further developments within the production process, the new SSL BF has been created with a distinctive surface structure in appearance and touch, compared to the conventional SSL. An exclusive brushed appearance emerges from the special surface finish during the rolling process.

This new product, already anodised and ready for the processing, increases the Novelis production range of coil-anodised products. It can also be supplied without anodising and suitable for batch anodising.

1. General Product Properties

- SSL BF stands for a decorative surface which imitates a stainless steel brushed finish
- Upon anodising the aluminium takes on a highly weather and corrosion resistant protective layer
- The established Novelis Anodising Quality is used as the base material
- The excellent aluminium characteristics combined with an aesthetical anti-fingerprint surface offer a large variety of applications
- Non-combustible according to DIN 4102 respectively 96/603/EG, classification into the best fire protection class

2. Advantages

- Anti-fingerprint surface
- Weather proof and UV-resistant
- High abrasion resistance
- Anti-static and insulating
- Resistant to neutral cleansers, dirt and corrosion
- Significant weight reduction compared to stainless steel
- Easy to process
- A more uniform surface compared to brushed finishes

3. Chemical Composition According to EN 573 Part 3

Alloy: EN AW 5005A H14 (AIMg1)

4. Mechanical Properties

Sheet thickness: 0.5 to 3.0 mm (Temper H14)

Strength Values

Strength values according to EN 485-2				
Temper	Thickness (mm)	Tensile strength R_m	Yield strength $R_{p0.2}$	Elongation A_{50}
H14	2.0	145 – 185 MPa	≥ 120 MPa	≥ 3 %

Typical strength values (no warranty)				
Temper	Thickness (mm)	Tensile strength R_m	Yield strength $R_{p0.2}$	Elongation A_{50}
H14	2.0	165 MPa	155 MPa	≥ 5 %

Novelis Anodising Quality SSL BF

5. Dimensions and Tolerances

Sheets

Dimensions	Gauge (mm)						
	0.5	0.8	1.0	1.5	2.0	2.5	3.0
1,000 mm x 2,000 mm	■	■	■	■	■	■	■
1,250 mm x 2,500 mm	■	■	■	■	■	■	■
1,500 mm x 3,000 mm		■	■	■	■	■	■
Protective film	(1)	Laserguard 100µ					
	(1) without protective film						
	■ faster availability (pallet 1,000 kg)						
	■ full ingot						
Coils and other dimensions on request							

Dimensional tolerances for thickness, width, length, flatness and squareness in accordance to DIN EN 485 part 1, 2 and 4 as well as EN 573 part 3.

This surface is available bright rolled or coil-anodised.

Other alloys and anodised layers on request.

Packages with Novelis SSL BF are signed with the SSL BF product logo on the label.

The installation of sheets cut in the longitudinal direction (rolling direction) can lead to visually perceptible color differences on a façade.

The sheets should therefore be installed edge to edge, taking in consideration the rolling direction. The rolling direction can be identified by the protective film.

If sheets cut in the longitudinal direction have to be installed at the edge, the sheet has to become installed with the cutting edge towards the edge/corner.

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Not just aluminium, Novelis Aluminium.™

