

Advantica® F Reflect

Product technical datasheet

Advantica® is a range of pre-finished steel specifically developed for the manufactured goods market.

Characteristics

- Smooth surface appearance.
- Specially designed to have high reflective properties.
- For lighting applications

Substrates available

- Cold Reduced to EN 10131
- Hot-dip Galvanised to EN 10 346



Image courtesy of Philips Lighting

Typical Properties

Property	Test specification	Data (See note 1)
Nominal coating thickness	EN 13523-1	25-40 µm
Specular gloss (60°)	EN 13523-2	10-85%
Pencil hardness	EN 13523-4	HB-2H
Flexibility:		
Minimum bend radius	EN 13523-7	2 T ² @16°C
Adhesion:		
After bending	EN 13523-7	1 T
Corrosion Resistance:		
Salt spray	EN 13523-8	240 hrs
Humidity	EN-13523-26	1000 hrs
UV resistance (UV-A)	EN 10169	Very good
Scratch resistance	EN 13523-12	1800
Reflectivity		Y>83%

Notes to table:

1. All figures are based on minimum properties and do not constitute a specification, they may differ depending on individual requirements. Consult Tata Steel for further information.
2. Also available in a highly flexible variant.

If forming pre-finished steel below 16°C please consult Tata Steel for further information. Consult Tata Steel for specific gloss and reflectivity requirements.



Contact details

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