



GreenCoat Mica BT

General Product Description

The Bio-based Technology (BT) coating with optimized properties for tiles and profiles

GreenCoat Mica BT is a product with an exclusive, glittery textured surface.

It is developed specifically for use in profiles or tiles with high aesthetic demands.

The product is manufactured according to the BT patent (Bio-based Technology) and therefore holds a high environmental position. In BT coatings, a substantial portion of the traditional fossil content is replaced by a bio-based component – for greener living. SSAB holds a worldwide patent for this coating technology.

The thickness of the BT coating is optimized for wear resistance, weathering resistance and low resource consumption. GreenCoat Mica BT possesses excellent gloss retention and color fastness and also provides good protection against corrosion.

The reverse side of the sheet is painted as standard with a two-layer grey backside coating. GreenCoat color coated products are all manufactured according to EN 10169 + A1.



Bio-based Technology
BT PATENT PROTECTED

GreenCoat Mica BT

Technical Properties

Technical Properties	Matt
Gloss	5
Minimum inner bending radius	1.5 x sheet thickness
Scratch resistance	30 N
UV Radiation Resistance	R _{uv} 3
Corrosion Resistance	RC5
Stain Resistance	Very good
Highest Operating Temperature	100 °C
Fire classification	A2 s1 d0
Coating thickness, nominal	30 µm
Primer thickness, nominal	7 µm
Coating structure	Structured, glittery
Steel designation	S280GD, S320GD, S350GD
Zinc Coating	275 g/m ²
Min steel thickness*	0.50 mm
Steel width**	1000- 1500 mm

* If other steel thickness is required, please contact SSAB Technical Customer Support (TCS). Max steel thickness is 1.5 mm

** Max steel width depends on steel thickness. If other steel dimensions are needed, please contact SSAB Technical Customer Support (TCS)

Colors

Please find below the standard colors available. Other shades can be agreed upon separately.

Different production batches of metallic colors should not be used next to each other on a facade or a roof, even if they are of the same color and even though all coils come from different orders have the same tolerance compared to the color master standard. To ensure tonal consistency, all material should come from the same production batch. The directionality of metallic surfaces, should also be consistent especially when panels are cut to size.

Colors	
010- White	x
015- Black	x
036- Lead Grey	x
0455- Graphite Grey	x
087- Anthracite	x
387- Coffee Brown	x
434- Chocolate Brown	x
461- Goosewing Grey	x
558- Baltic Blue	x
742- Brick Red	x
758- Maroon	x
762- Auburn	x

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Standard Reverse Side Coating

Technical Properties	
Nominal Coating Thickness	12 µm
Primer	7 µm
Color	Dark grey

Greener, Better

The GreenCoat product portfolio is the greenest and one of the most comprehensive high quality color coated steel product offers on the market for roofing, façades, rainwater systems and indoor applications.

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