

GreenCoat Mica BT

General Product Description

GreenCoat Mica BT color coated steel is available in an exclusive, glittery matt textured finish. It uses a patented bio-based coating having Swedish rapeseed oil instead of traditional fossil oil in the paint, which is unique on the market. SSAB holds a worldwide patent for this coating technology (Bio-based Technology, BT).

GreenCoat Mica BT color coated steel offers a high level of durability for profiled roof tiles and profiles with high aesthetic demands. GreenCoat Mica BT possesses good gloss retention and color fastness and provides good protection against corrosion (RC5 class). The reverse side of the sheet is painted with a two-layer grey backside coating.

GreenCoat Mica BT complies with current REACH regulations and is fully chromate-free.

SSAB's color coated steels are all manufactured according to EN 10169.

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 ¹⁾	RC5
Stain resistance	Very good
Highest operating temperature	100 °C
Fire classification, EN 13501-1	A2 s1 d0
Coating thickness, nominal (primer + top coat)	30 µm
Coating structure	Structured
Steel designation ²⁾	S280GD, S320GD, S350GD
Zinc coating	275 g/m ²
Min steel thickness ²⁾	0.50 mm
Steel width ²⁾	1000 - 1500 mm

¹⁾ Classification into corrosion resistance categories is based on blistering, delamination and damage on bend of the coating after two years exposure in natural outdoor testing sites as specified in EN 10169.

²⁾ Maximum steel thickness is 1.5 mm and maximum steel width depends on steel thickness. For other steel dimensions or steel grades please contact SSAB Tech Support.

Colors

Below are the colors currently available. Other colors can be agreed upon separately.

Colors shown in the color table are only indicative. To see the real visual appearance of the product, please order a color sample. Please note also that the same colors between the products may differ.

						
Goosewing Grey RR2H5 / SS0461	Mountain Grey RR23 / SS0036	Cliff Grey RR288 / SS0455	Slate Grey RR2H3 / SS0534	Nordic Night Black RR33 / SS0015	Walnut Brown RR32 / SS0387	Acorn Brown RR827 / SS0434
Matt	Matt	Matt	Matt	Matt	Matt	Matt
						
Cottage Red RR29 / SS0758	Brick Red RR7F2 / SS0742	Red Clay RR7G3 / SS0762	Silver Fir Green RR5J3 / SS0975			
Matt	Matt	Matt	Matt			

To ensure tonal consistency of colors on a single exterior face, all material must come from the same production batch. Also the directionality of surfaces has to be consistent especially when sheets are cut to size.

Reverse Side Coating

Unless otherwise specified, the reverse side of the sheet is painted with a two-layer coating to further improve the corrosion resistance of the end product. The coating provides good adhesion properties to many adhesives and foams; nevertheless the compatibility needs to be tested case-specifically.

Technical Properties	
Nominal Coating Thickness (primer + top coat)	12 µm
Color	Grey
Corrosion Resistance	Min CPI3

For easy material identification the reverse side of the sheet is stamped with the GreenCoat logo and the product name. The production year is marked to ease material traceability and can be referred to within the guarantee period. An arrow shows the direction of production to ensure installation in a uniform direction.

Contact Information

www.ssab.com/contact