

GreenCoat Crown BT

General Product Description

GreenCoat Crown BT is optimized for all types of profiling including tiles and profiles. It has a slightly textured surface; available in a regular gloss or matt version.

The product is manufactured according to the BT patent (Bio-based Technology) and therefore holds a high environmental position. In BT coating where a substantial portion of the traditional fossil oil is replaced by Swedish rapeseed oil, which is unique on the market. SSAB holds a worldwide patent for this coating technology.

The product possesses good gloss retention and color fastness, and also provides good protection against corrosion. It has greater durability than standard polyester when exposed to people walking on the roof and other roof stresses.

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.

Technical Properties

Technical Properties	Regular	Matt
Gloss	40	10
Minimum inner bending radius	1.5 x sheet thickness	1.5 x sheet thickness
Scratch Resistance	30 N	30 N
UV Radiation Resistance	R _{uv} 3	R _{uv} 3
Corrosion Resistance	RC4	RC4
Stain Resistance	Very good	Very good
Highest Operating Temperature	100 °C	100 °C
Fire classification	A2 s1 d0	A2 s1 d0
Coating thickness, nominal	26 µm	26 µm
Primer thickness, nominal	6 µm	6 µm
Coating structure	Structured	Structured
Steel designation	S280GD, S320GD, S350GD	S280GD, S320GD, S350GD
Zinc Coating	275 g/m ²	275 g/m ²
Min steel thickness*	0.45 mm	0.45 mm
Steel width**	1000- 1500 mm	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	Regular	Matt
RR19 / SS0001- Snow White	x	
RR21 / SS0011- Pebble Grey	x	
RR23 / SS0036- Mountain Grey	x	x
RR29 / SS0758- Cottage Red	x	
RR2H8 / SS0087- Anthracite Grey	x	x
RR32 / SS0387- Walnut Brown	x	x
RR33 / SS0015- Nordic Night Black	x	x
RR35 / SS0558- Lake Blue	x	
RR40 / SS0045- Metallic Silver	x	
RR41 / SS0044- Metallic Dark Silver	x	
RR7F2 / SS0742- Brick Red	x	x
RR827 / SS0434- Acorn Brown	x	x

Standard Reverse Side Coating

Technical Properties	
Nominal Coating Thickness	12 µm
Primer	5 µm
Color	Dark grey

Contact Information

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