



GreenCoat Pro BT

*Nordic quality steel
for harsh weather and greener living*

GreenCoat Pro BT

General Product Description

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

GreenCoat Pro BT is a highly durable product for roofing.

GreenCoat Pro BT, available in regular and matt finishes, can also be used in wall panels and protective flashings. Besides using GreenCoat Pro BT for profiled steel sheet roof tiles and standing seam sheets, this product is also perfect for tinsmith applications and can be used in combination with the highly formable steel grades PLX and FAP.

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.

GreenCoat Pro BT is optimized for wear resistance, weathering resistance and low resource consumption. It has greater durability than standard polyester products when exposed to people walking on the roof and other roof stresses. The product 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 Pro BT

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	35 N	35 N
Lowest Forming Temperature	-15 °C	-15 °C
UV Radiation Resistance	R _{uv} 3	R _{uv} 3
Corrosion Resistance	RC5	RC5
Stain Resistance	Very good	Very good
Highest Operating Temperature	100 °C	100 °C
Fire classification	A2 s1 d0	A2 s1 d0
Coating thickness, nominal	36 µm	36 µm
Primer thickness, nominal	10 µm	10 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*	0.5 mm	0.5 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.

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Colors	Regular	Matt
0001- Antique White	x	x
015- Black	x	x
020- White	x	x
022- Grey Mist	x	x
036- Lead Grey	x	x
044- Dark Silver	x	x
045- Silver	x	x
0455- Graphite Grey		x
087- Anthracite	x	x
145- Sand Yellow	x	
244- Zink Grey	x	x
384- Dark Brown	x	x
387- Coffee Brown	x	
434- Chocolate Brown	x	x
461- Goosewing Grey	x	
502- Sky Blue	x	
558- Baltic Blue	x	
742- Brick Red	x	x
757- Dark Red		x
758- Maroon	x	x
762- Auburn		x
778- Dark Bronze	x	x
830- Pine Green	x	
874- Leaf Green	x	x
975- Antique Copper	x	x

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.