

GreenCoat PLX Pro BT

General Product Description

GreenCoat PLX Pro BT is a product for long strip roofing. This product has been developed together with tinsmiths in order to obtain optimum product properties combined with Nordic quality steel and an excellent coating. The result is a unique, premium product for tinsmiths.

The highly formable steel PLX in combination with our first-class BT coating makes it a premium product for premium applications. The PLX steel has practically no spring back, which provides for very tight folding. GreenCoat PLX Pro BT can be formed by hand and is workable at temperatures down to – 15°C, allowing for year round installation at lower costs.

Additionally, the product is manufactured according to the BT patent (Bio-based Technology) and therefore holds a high environmental position. In BT coatings, where a substantial portion of the traditional fossil oil is replaced by Swedish rapeseed oil, which is unique on the market. GreenCoat PLX Pro BT is coated with 350 g zinc/m² and is provided with a BT color coating.

SSAB holds a worldwide patent for this coating technology. GreenCoat PLX Pro BT is a high quality product ensuring excellent corrosion and UV resistance properties.

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	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- SSAB	PLX	PLX
Steel Designation- European Standard	EN10346 DX54D	EN10346 DX54D
Yield strength R _{p0.2} , typical value	160 MPa	160 MPa
Tensile strength R _m , typical value	320 MPa	320 MPa
Elongation A ₈₀ , typical value ¹⁾	41 %	41 %
Zinc Coating	350 g/m ²	350 g/m ²
Min steel thickness*	0.6 mm	0.6 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).

¹⁾ For t 0.50mm < t < 0.70mm applies two units lower value.

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
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	Limestone turquoise

Contact Information

www.ssab.com/contact