



## GreenCoat PLX BT

### General Product Description

GreenCoat PLX BT – The product developed specifically for tinsmiths

GreenCoat PLX BT is a highly formable product workable at temperatures down to -15°C.

GreenCoat PLX 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 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, a substantial portion of the traditional fossil content is replaced by a bio-based component – for greener living. GreenCoat PLX BT is coated with 350 g zinc/m<sup>2</sup> and is provided with a BT color coating.

SSAB holds a worldwide patent for this coating technology. GreenCoat PLX 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.



**Bio-based Technology**  
BT PATENT PROTECTED

# GreenCoat PLX BT

## Technical Properties

Technical Properties	Regular	Matt
Nominal Gloss (Gardner 60°)	40	10
Minimum 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 <sub>uv</sub> 3	R <sub>uv</sub> 3
Corrosion Resistance	RC5	RC5
Stain Resistance	Very good	Very good
Highest Operating Temperature	100 °C	100 °C
Fire Classification EN 13501-1	A2 s1 d0	A2 s1 d0
Nominal Coating Thickness	36 µm	36 µm
Primer	10 µm	10 µm
Coating Pattern	Structured	Structured
Steel Designation- SSAB	PLX	PLX
Steel Designation- European Standard	EN10346 DX54D	EN10346 DX54D
Yield Strength Rp0.2	160 MPa	160 MPa
Tensile Strength Rm	320 MPa	320 MPa
Elongation A80	41 %	41 %
Zinc Coating	350 g/m <sup>2</sup>	350 g/m <sup>2</sup>
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).

<sup>1)</sup> 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.

# GreenCoat PLX BT

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.