



GreenCoat FAP BT

General Product Description

The product for sheet metal working in roofing applications

GreenCoat FAP BT withstands tough working in workshops as well as on roofs.

GreenCoat FAP BT is an excellent product for sheet metal working and as a flat sheet supplement for buildings in applications such as roofing elements, window fittings, roof edges and similar uses.

The formable steel FAP in combination with our premium BT coating makes it a premium product for premium applications.

GreenCoat FAP BT can withstand tough working in workshops as well as on the roof 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 FAP BT is coated with 350 g zinc/m^2 and is provided with a BT color coating.

SSAB holds a worldwide patent for this coating technology.

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 FAP 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- SSAB	FAP	FAP
Steel Designation- European Standard	EN10346 DX52D	EN10346 DX52D
Yield Strength R _{p0.2} , min value	140 MPa	140 MPa
Tensile Strength R _m , min value	270 MPa	270 MPa
Elongation A ₈₀ , min value ¹⁾	26 %	26 %
Zinc Coating	350 g/m ²	350 g/m ²
Min steel thickness in mm*	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.

GreenCoat FAP 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.