

**GREENCOAT®**  
COLORFUL STEEL



# *GreenCoat Pural BT*

*Proven durability that outlasts the harshest weather*

**SSAB**



## GreenCoat Pural BT

Current building statistics show the increasing demand for the use of sustainable materials in buildings. To address these modern building trends and their growing popularity worldwide, the upgraded GreenCoat Pural BT is now available.

Developed to withstand the harshest climates on earth, GreenCoat Pural BT is the benchmark for color coated steel products for roofing applications where long-lasting durability is needed most. It combines superior technical features like UV radiation (Ruv4) and corrosion resistance (RC5) with a sustainable, Bio-based Technology (BT) coating that is made with Swedish rapeseed oil. The result is a high performance, yet easy forming building product for tiles, profiles, standing seam roofs and other roofing components.

### SUSTAINABILITY THAT IMPROVES PERFORMANCE

GreenCoat Pural BT offers a highly sustainable solution for the building industry. A substantial portion of the traditional fossil oil is replaced by Swedish rapeseed oil. SSAB holds a worldwide patent for this coating technology, which offers builders a level of sustainability found nowhere else on the market, in addition to enhanced performance. It also makes the GreenCoat® premium steel product range the greenest collection of color coated steel products for the building industry.

### ROOFING BENEFITS

The highest durability and the greenest color coated steel on the market gives many advantages to tinsmiths, metal roofers and builders. However, many other factors make GreenCoat Pural BT a wise choice.



GreenCoat Pural BT provides:

- Nordic quality steel.
- Excellent UV resistance (Ruv4) and corrosion resistance (RC5).
- A 50 µm, Bio-based Technology (BT) coating for mechanical stress resistance.
- A highly sustainable solution for the market.
- The lowest thermal expansion of all roofing metals to avoid buckling or deformation, for years to come.
- Excellent forming properties enabling very demanding folding, down to -15 °C.
- The highest level of durability, with a coating guarantee up to 25 years.
- Long color retention, easy maintenance and cost-efficient due to increased product life.
- Manufacturing in accordance to: EN 10169 + A1.





Photo front cover: © Weckman Steel Oy/Kotimestarit Oy. Building photos page 2 and 3: © Ruukki Construction Oy

## TECHNICAL PROPERTIES

Technical Properties	Regular	Matt
Gloss	40	<5
Minimum inner bending radius	1 x sheet thickness	1 x sheet thickness
Scratch resistance	40 N	40 N
Lowest forming temperature	-15 °C	-15 °C
UV radiation resistance	Ruv4	Ruv4
Corrosion resistance	RCS	RCS
Stain resistance	Very good	Very good
Highest operating temperature	100 °C	100 °C
Fire classification	A2 s1 d0	A2 s1 d0
Coating thickness, nominal	50 µm	50 µm
Primer thickness, nominal	20 µm	20 µm
Coating structure	Structured	Structured
Steel designation	S280GD, S320GD, S350GD	S280GD, S320GD, S350GD
Zinc coating	275 g/m <sup>2</sup>	275 g/m <sup>2</sup>
Min steel thickness	0.50 mm	0.50 mm
Steel width*	1000 - 1500 mm	1000 - 1500 mm

\* Max steel width depends on steel thickness.

### A WIDE RANGE OF COLORS

GreenCoat Pural BT is available in regular gloss and matt finishes. The slightly structured appearance falls in line with modern architectural trends and the extensive color offering, inspired by Nordic nature, has been developed based on feedback from leading architects and builders.

### TRIED AND TESTED

GreenCoat Pural BT is the result of extensive product development collaboration involving consumer feedback, observing test results and utilizing the expertise of partners looking for

sustainable building products. The end result is a product that combines the vision to deliver high-performance for greener living. Development partners include SSAB's key customers, such as Ruukki Construction, Weckman Steel Oy, JanLa Oy, Jaakko-Tuote Oy and Piristeel Oy.

### LEARN MORE

To find out more about GreenCoat Pural BT and other GreenCoat® premium steel products, go to: [www.ssab.com/GreenCoat](http://www.ssab.com/GreenCoat) or get in touch at: [greencoat@ssab.com](mailto:greencoat@ssab.com)

## SSAB

SSAB has manufactured products for the building industry for more than 50 years and is the pioneer and innovator of creating sustainable color coated products offering Swedish rapeseed oil in the coating.

SSAB is a Nordic and US-based steel company offering value added products and services developed in close cooperation with its customers to create a stronger, lighter and more sustainable world. SSAB has production facilities in Sweden, Finland and the US and employees in over 50 countries. [www.ssab.com](http://www.ssab.com)

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