

# GREENCOAT Pural BT

GreenCoat Pural BT offers high durability for the entire building envelope application. It features excellent UV and corrosion resistance, ensuring long-term performance and reliability, even in extreme weather.

The coating utilises a patented bio-based coating with Swedish rapeseed oil, highlighting its commitment to sustainability by reducing fossil fuel use. SSAB's Bio-based Technology (BT) reflects an emphasis on environmentally responsible practices.

<b>Usage</b>	Protex® Roof & Wall System
	External Profiles
	Internal Profiles
	Flashings & Fabrications
	Flat Sheets

## Product Specification

	Test Standard	
<b>Coating Supplier</b>	SSAB Swedish Steel	
<b>Material Thickness</b>	EN 13523-1	0.7mm
<b>Coating Thickness</b>	EN 13523-1	50 Microns
<b>Backing Coat Thickness</b>	EN 13523-2	12 Microns
<b>Gloss Level</b>	20 GU	
<b>Appearance</b>	Satin Finish	
<b>Zinc Coating</b>	Z275	
<b>Steel Grade</b>	S280	
<b>Max Operating Temp.</b>	100°C	

## Coating Performance

	Test Standard	
<b>Corrosion Resistance Category</b>	EN 10169	RC5+
<b>UV Resistance</b>	EN 10169	RUV4 / RUV5
<b>European Fire Classification</b>	EN 13501-1	A1,S1,D0
<b>Adhesion of Coating (T-bend)</b>	EN 13523-7	1T
<b>Resistance to cracking on bending (T-bend)</b>	EN 13523-7	1T
<b>Resistance to Solvents</b>	EN13523-11	≥100
<b>Scratch Resistance</b>	EN13523-12	40N
<b>Humidity Resistance</b>	EN13523-25	CPI 5

## Coating Warranty



## Product Warranty

GreenCoat Pural BT comes with an external performance warranty of up to 40 years, including factory cut edges. This is made available through Firth Steels.

**Notes:**  
Warranty periods quoted are applicable to UK and Ireland only and exclude domestic residential applications.

Coastal – refers to buildings within 1.5 miles from lake or sea shoreline.

Full terms and conditions of the GreenCoat Pural BT warranty are available from Firth Steels on request.



## Photovoltaic

The warranty covers the use of GreenCoat Pural BT under photovoltaic (PV) frame modules on a new roof or wall and provides confidence that installing a PV array will not have a detrimental effect on the performance of the pre-finished steel. The warranty allows PV frame modules to be installed at any point through the warranty period, providing it has been registered through the system manufacturer or distributor and ensures the building will still be covered for the remainder of the warranty duration. For more information and terms and conditions, please contact Firth Steels.

## GreenCoat Pural BT Reassurance

Firth Steels is committed to advancing the construction industry offering innovative product solutions. In partnership with SSAB, we are proud to introduce a new line of coated steel products that set new standards in quality and performance. These products, developed with cutting-edge technology from SSAB, feature enhanced fire performance, leading technical performance and a sophisticated satin surface finish. This commitment to innovation and excellence ensures that our clients receive only the best, most reliable materials for their projects.

## Product Testing

To ensure the integrity of GreenCoat Pural BT products, rigorous laboratory tests are conducted to measure performance against corrosion, sunlight exposure, chemicals and abrasion.

## Sustainability

GreenCoat Pural BT is known for its durability, corrosion resistance and effective performance in harsh weather conditions, making it a solid choice for high-quality steel applications. GreenCoat® products feature a Bio-based Technology (BT) coating, incorporating a substantial portion of Swedish rapeseed oil to replace traditional fossil oil. This patented solution significantly reduces the environmental footprint of GreenCoat® products.

For a more sustainable option, Firth Steels offers GreenCoat Pural BT Zero as part of our Steel Reborn® range. This innovation in steel manufacturing uses Electric Arc Furnace (EAF) technology to repurpose scrap steel and significantly reduce the carbon footprint. Integrated into our Protex Voyage® System, GreenCoat Pural BT Zero combines durability with environmental responsibility, available in a variety of colours to enhance any project while minimising ecological impact.

Contact Firth Steels for more information.



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GreenCoat® is a registered trademark of the SSAB group of companies.

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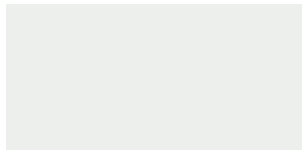
Before using products or services supplied or manufactured by Firth Steels and its subsidiaries, customers should satisfy themselves as to their suitability.

\*Warranty is available up to 40 years. Terms and conditions apply.

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# GREENCOAT Pural BT Colour Chart



White  
RAL 9003



Black  
RAL 9005



Charcoal  
RAL 000 30 00



Anthracite  
RAL 7016



Ivory  
RAL 9002



Merlin Grey  
RAL 180 40 05



Slate Grey  
RAL 7012



Graphite  
RAL 840-M



Goosewing Grey  
RAL 7038



Metallic Silver  
RAL 110-M



Dark Silver  
RAL 830-M



Pure Grey  
RAL 000 55 00



Oyster  
RAL 7035



Wolf Grey  
RAL 240 80 05



Alaska Grey  
RAL 7000



Wedgewood Blue  
RAL 220 50 15



Navy  
RAL 5003



Solent Blue  
RAL 250 40 40



Ocean Blue  
RAL 220 30 25



Gold  
RAL 140-M



Juniper Green  
RAL 6007



Forest Green  
RAL 6002



Moorland Green  
RAL 100 60 20



Vandyke Brown  
RAL 8014



Cottage Red  
RAL 40 30 40



Poppy Red  
RAL 2002



Copper  
RAL 330-M

Other colours available on request.  
\*All RAL references to nearest RAL.