

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.

Usage

- Protex® Roof & Wall System
- External Profiles
- Internal Profiles
- Flashings & Fabrications
- Flat Sheets

Product Specification

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

Coating Performance

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

Coating Warranty

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

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