

F200® Plastisol

F200® Plastisol is designed to deliver reliable wear resistance and durability, making it an excellent choice for a wide range of building applications across the UK.

Coated with a robust 200 micron, leather grain embossed layer - it offers proven protection against corrosion while ensuring long-lasting performance.

As the industry's expectations for longevity and functionality have evolved, F200® Plastisol has been refined to meet these growing demands.



Usage

External Profiles
Internal Profiles
Flashings & Fabrications
Flat Sheets

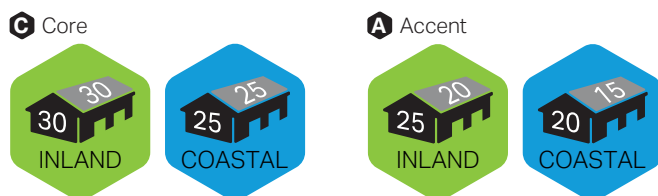
Product Specification

| | Test standard | |
|------------------------|---------------|---------------|
| Material Thickness | EN 13523-1 | 0.5mm / 0.7mm |
| Coating Thickness | EN 13523-1 | 200 Microns |
| Backing Coat Thickness | EN 13523-2 | 12 Microns |
| Gloss Level | | 10-35 GU |
| Appearance | | Leather Grain |
| Zinc Coating | | Z275 / +AZ150 |
| Steel Grade | | S280 |
| Max Operating Temp. | | 60°C |

Coating Performance

| | Test standard | |
|-------------------------------|---------------|--------------------|
| Corrosion Resistance Category | EN 10169 | RC5 |
| UV Resistance | EN 10169 | RUV3 |
| European Fire Classification | EN 13501-1 | C-s2, d0 |
| Adhesion Cross Hatch | EN 13523-6 | 100% |
| Adhesion of Coating (T-bend) | EN 13523-7 | 0T (16°C) 1T (0°C) |
| Salt Spray Test | EN 13523-8 | 1000 Hours |
| Scratch Resistance | EN 13523-12 | 4.5kg |
| Abrasion Resistance | EN 13523-16 | 10~15mg |
| Humidity Resistance | EN 13523-25 | 1500 Hours |

Coating Warranty



Product Warranty

F200® Plastisol comes with an external performance warranty of up to 30 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 F200® Plastisol warranty are available from Firth Steels on request.

Commitment to Excellence

At Firth Steels, the F200® Plastisol range embodies our unwavering commitment to quality and innovation. Developed through stringent processes and subjected to rigorous testing, this prestigious range of pre-finished steel products has been successfully implemented in numerous global projects.

Rigorous Product Testing

To maintain the highest standards of quality, F200® Plastisol undergoes comprehensive laboratory testing. These tests assess its resistance to corrosion, sunlight, chemicals and abrasion - ensuring that each product meets our exacting criteria for durability and performance.

Guaranteed Performance

F200® Plastisol comes with an extensive warranty of up to 30 years, including coverage for factory cut edges, underscoring our confidence in its long-term performance. This warranty extends to the use of F200® Plastisol under photovoltaic (PV) frame modules on new roofs or walls. It guarantees that the installation of PV arrays will not adversely affect the steel's integrity. The product allows for the addition of PV modules at any stage during the warranty period, provided that it is registered with the system manufacturer or distributor. This ensures that the integrity and warranty coverage of the building remain intact for the duration of the warranty period.

For Additional Information

For more details on the F200® Plastisol warranty and to understand the full terms and conditions, please reach out to Firth Steels. We are here to provide support and assurance that you are making an informed decision with a product backed by robust guarantees and a legacy of quality.



Technical team on 01484 405940
technical@firth-steels.co.uk

Trademarks of Firth Steels Ltd.

F200® Plastisol is a registered trademark.

While care has been taken to ensure that the information contained in this publication is accurate, neither Firth Steels, nor its subsidiaries, accept responsibility or liability for errors or for information which is found to be misleading.

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 30 years. Terms and conditions apply.

Copyright 2024 Firth Steels Limited.



F200® Plastisol Colour Chart

| | | | | | |
|--------|---|---|--|---|---|
| White |  | Black |  |  |  |
| | White RAL 9003 | | Black RAL 9005 | Anthracite RAL 7016 | Slate Grey RAL 7012 |
| Greys |  |  |  |  | |
| | Wolf Grey RAL 240 80 05 | Goosewing Grey RAL 7038 | Pure Grey RAL 000 55 00 | Merlin Grey RAL 180 40 05 | |
| Blues |  |  |  |  | |
| | Wedgewood Blue RAL 220 50 15 | Ocean Blue RAL 220 30 25 | Navy RAL 5003 | Slate Blue RAL 220 20 05 | |
| Greens |  |  |  |  | |
| | Ivory RAL 9002 | Buttermilk RAL 1015 | Mushroom RAL 080 70 10 | Willow RAL 100 80 20 | |
| Reds |  |  |  |  | |
| | Moorland Green RAL 100 60 20 | Olive Green RAL 6003 | Juniper Green RAL 6007 | Vandyke Brown RAL 8014 | |

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