

F200 Plastisol

Developed for high performance external building applications, this product meets the requirements for aesthetic quality along with suitable coating properties such as UV and corrosion resistance, and a 30 year warranty.

Colour Range



Extensive Colour Range
 Bespoke Colour Match Available*

Usage



External Profiles
 Internal Profiles
 Flashings & Fabrications
 Flat Sheets

Coating Specification



Coating Type		External Plastisol
Coating Warranty		30 years**
Material Thickness		0.5mm / 0.7mm
Coating Thickness	EN 13523-1	200 Micron Plastisol
Backing Coat Thickness	EN 13523-1	12 Microns Backing Coat
Gloss Level	EN 13523-2	10-35GU
Appearance / Embossment		Leather Grain
Zinc Coating		Z275 / +AZ150
Steel Grade		S280
Maximum Operating Temperature		60 Degrees

Coating Performance



	Test standard	Coating Performance
Corrosion Resistance Category	EN 10169	RC5
UV Resistance	EN 10169	RUV3
European Fire Classification	EN 13501-1	C, -s2, DO
Adhesion Cross Harch	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	>5kg
Abrasion Resistance	EN 13523-16	10-15mg
Humidity Resistance	EN 13523-25	1500 Hours

*Subject to Quantities

**Warranty is available up to 30 years. Terms and conditions apply.

Mission XP40®

A 40 year warranted coating specifically developed for severe external building applications, this product meets the enhanced requirements for aesthetic quality along with increased coating performance such as surface UV resistance, corrosion resistance and adhesion resistance.

Colour Range

Extensive Colour Range
 Bespoke Colour Match Available**

Usage

External Profiles
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 Flat Sheets

Coating Specification



Coating Type
 Coating Warranty
 Material Thickness
 Coating Thickness
 Backing Coat Thickness
 Gloss Level
 Appearance / Embossment
 Zinc Coating
 Steel Grade
 Maximum Operating Temperature

Test standard

EN 13523-1
 EN 13523-1
 EN 13523-2

High Performance
 40 years**
 0.5mm / 0.7mm
 200 Micron Plastisol
 7 Microns Backing Coat
 10-35GU
 Steon® Embossment
 ZM180 GIX
 S280
 60 Degrees

Coating Performance

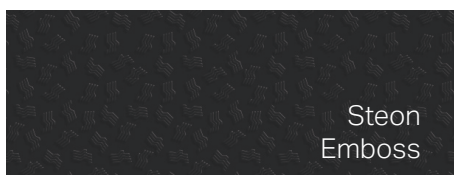
Corrosion Resistance Category
 UV Resistance
 European Fire Classification
 Adhesion Cross Harch
 Adhesion of coating (T-bend)
 Salt Spray Test
 Scratch Resistance
 Abrasion Resistance
 Humidity Resistance

Test standard

EN 10169
 EN 10169
 EN 13501-1
 EN 13523-6
 EN 13523-7
 EN 13523-8
 EN 13523-12
 EN 13523-16
 EN 13523-25

Coating Performance

RC5
 RUV4
 C, s2, d0
 100%
 0T (16°C) 1T (0°C)
 1000 Hours
 7kg
 <7mg
 1500 Hours



Steon
 Emboss

MISSION XP40®

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

Internal Polyester

Specifically developed for interior building applications, this product meets the requirements for aesthetic quality along with suitable coating properties such as flexibility, surface hardness, coating adhesion and corrosion resistance.

Colour Range



- Bright White
- Goosewing Grey

Usage



Internal Profiles
 Internal Flashings & Fabrications
 Internal Flat Sheets

Temporary Film Protection (Optional)
 Available

Coating Specification



	<u>Test standard</u>	
Coating Type		Internal Liner
Coating Warranty		N/A
Material Thickness		0.4mm / 0.7mm
Total Coating Thickness	EN 13523-1	20 Micron Polyester
Top Coating Thickness	EN 13523-1	15 Micron Polyester
Bottom Coating Thickness	EN 13523-1	5 Micron Polyester
Backing Coat Thickness	EN 13523-1	5 Micron Polyester
Gloss Level	EN 13523-2	30GU
Appearance / Embossment		Smooth Finish
Zinc Coating		Z100
Steel Grade		S220

Coating Performance



	<u>Test standard</u>	<u>Coating Performance</u>
Corrosion Resistance Category	EN 10169	CPI2
European Fire Classification	EN 13501-1	A1
Surface "Pencil" Hardness	EN 13523-4	HB to H
Impact Resistance	EN 13523-5	15J
Adhesion of coating (T-bend)	EN 13523-7	≤ 2 T
Resistance to cracking on bending (T-bend)	EN 13523-7	≤ 3 T
Salt Spray Test	EN 13523-8	150 Hours
Resistance to Solvents	EN 13523-11	150 Hours
Scratch Resistance	EN 13523-12	≤ 1Kg
Resistance to aliphatic and alcoholic solvents	EN 13523	Good
Condensation Resistance (QCT)	EN 13523	500 Hours
Resistance to acids & bases	EN 13523	Medium