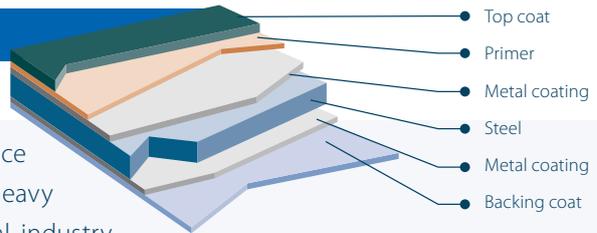


Technical Coating Data

Grandemat

The Grandemat is a thermoset polyester paint. The surface treatment and paint are free of hexavalent chromium and heavy metals. It is mostly used on external buildings & general industry applications: tiles, cladding etc.



Technical information

Thickness*		40 microns
Composition	Front	15 microns primer + 25 microns polyester top coat
	Back	10 microns backing coat
Gloss (Gardner 60°)*		Maximum 5 GU
Appearance		Wrinkled

Performance

Adhesion of the coating (T-bend)		≤ 1 T
Resistance to cracking on bending (T-bend)		≤ 2 T
Impact resistance		18 J
Resistance on deformed parts:	Marciniak test	≤ 1C1
Clemen scratch resistance		≥ 1.5 kg
Corrosion resistance:		
	Salt spray test	500 hours
	Corrosion resistance category	RC4
Condensation resistance (QCT)		1500 hours
UV resistance:		
	QUV (UVA + H2O) test	ΔE ≤ 3; GR ≥ 60%
	UV resistance category	RUV3
Fire behaviour classification (EN 13501-1)		A1
Resistance to acids and bases		Good
Resistance to solvents:		
	Aliphatics and alcohols	Very good
	Ketones	Low
	Aromatics	Good to very good

These performance characteristics refer specifically to metallic coating Z225 (guaranteed minimum).

Guarantee

Non-perforation of the sheet metal	≤ 20 years, depending on the external environment
Non-delamination of the paint	≤ 20 years, depending on the external environment
Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 50%)	≤ 5 years, depending on the geographic location and the paint colour

Benefits**

- Nice aesthetic appearance: matt and wrinkled
- Very good corrosion resistance

* Nominal value, tolerance according to EN 10169.

** For more informations, please contact our sales department.