

guarantee 15 years

## Granite<sup>®</sup> PVDF 25 microns

Properties	<ul> <li>Very good colour and appearance stability</li> <li>Good corrosion resistance</li> <li>Very good chemical resistance</li> <li>Thermoplastic paint</li> <li>Surface treatment and paint: free of hexavalent chromium and heavy metals</li> </ul>	
Applications	External uses: buildings in aggressive environments	
Description	Thickness <sup>(1)</sup>	25 microns
	Gloss (Gardner 60°) <sup>(1)</sup>	30 GU Other gloss levels on request
	Colours	Specific colours on request
	Appearance	Smooth
	Temporary protection (optional)	Self-adhesive film or heat-sealed film
Performance	Adhesion of the coating (T-bend)	≤1T
	Resistance to cracking on bending (T-bend)	≤2⊺
	Impact resistance	18 J
	Surface "pencil" hardness	HB to H
	Corrosion resistance: <ul> <li>Salt spray test</li> <li>Corrosion resistance category</li> </ul>	360 hours RC3
	Condensation resistance: • QCT test • Corrosion protection (interior) category	1000 hours CPI3
	UV resistance: • QUV (UVA + H <sub>2</sub> O) test (2000 hours) • UV resistance category	ΔE ≤ 2; GR ≥ 80% RUV4
	Fire behaviour classification (EN 13501-1)	A1
	Resistance to acids and bases	Good to very good
	Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Good Good to very good
	Resistance to mineral oils	Very good
	Maximum continuous operating temperature	100°C
Automatic guarantee	<ul> <li>Non-perforation of the sheet metal</li> <li>Non-delamination of the paint</li> <li>Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 80%)</li> </ul>	<ul> <li>≤ 15 years, depending on the external environment</li> <li>≤ 15 years, depending on the external environment</li> <li>≤ 5 years, depending on the geographic location and the paint colour category</li> </ul>
Remarks	These performance characteristics refer specifically to metallic coating Z225 (guaranteed minimum). If any product (film, oil, foam, glue, paint etc) is to be applied after coil delivery, compatibility with the coating needs to be checked first. Although we take great care to reproduce the same aesthetic aspect on each coil, ArcelorMittal cannot guarantee the visual consistency from one single order item to another. Consequently, you need to consider placing one single order for one building; standard samples can only serve as a guide.	

(1) Nominal value, tolerance according to EN 10169