

## Granite® Storm

guarantee 35 years free of chromates and heavy metals

## **Properties**

- · Nice aesthetic appearance: matt and wrinkled
- Very good formability
- · Excellent corrosion resistance
- · Thermosetting paint

Applications	External building and general industry applications: tiles, cladding etc	
Description	Thickness <sup>(1)</sup>	50 microns
	Composition	Front: 25 microns primer + 25 microns top coat Back: 10 or 12 microns backing coat 25 microns backing coat also available
	Gloss (Gardner 60°) (1)	Maximum 5 GU
	Colours	Specific colour palette
	Appearance	With a fine or rough wrinkle
	Temporary protection (optional)	Strippable films are usually not suitable for wrinkled surfaces
Performance	Adhesion of the coating (T-bend)	≤1⊤
	Resistance to cracking on bending (T-bend)	≤ 2 T
	Impact resistance	18 J
	Resistance on deformed parts: Marciniak test	≤ 1C1
	Clemen scratch resistance	≥ 2.5 kg
	Corrosion resistance:  Salt spray test Corrosion resistance category	700 hours RC5+
	Condensation resistance (QCT)	1500 hours
	UV resistance: • QUV (UVA + H <sub>2</sub> O) test (2000 hours) • UV resistance category	ΔE ≤ 2; GR ≥ 80% RUV5
	Fire behaviour classification (EN 13501-1)	A1
	Resistance to acids and bases	Good
	Resistance to solvents:      Aliphatics and alcohols     Ketones     Aromatics	Very good Low Good to 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 ≥ 50%)</li> </ul>	<ul> <li>≤ 35 years, depending on the external environment</li> <li>≤ 35 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 Z275 (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	

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(1) Nominal value, tolerance according to EN 10169