

Granite® Ultramat

guarantee 20 years

Properties

- · Matt and wrinkled aesthetic appearance
- Good formability at low temperature down to 10°C and after cold storage
- Scratch-resistant surface
- Improved fretting resistance for transportation of ready-made products

Applications	olications External building and general industry applications: tiles, cladding etc	
Description	Thickness (1)	35 microns
	Composition	Front: 10 microns primer + 25 microns top coat
		Back: 5, 7, 10 or 12 microns backing coat Double-side finish available
	Gloss (Gardner 60°) (1)	Maximum 5 GU
	Colours	Specific colour palette
	Appearance	With a rough wrinkle
	Temporary protection (optional)	Strippable films are usually not suitable for wrinkled surfaces
Performance	Adhesion of the coating (T-bend):	
	• 20°C • 10°C	≤1T ≤1T
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	Resistance to cracking on bending (T-bend): • 20°C	≤2T
	• 10°C	≤2T
	Resistance to cracking (T-bend) after 60 days at -15°C	2 T
	Impact resistance	18 J
	Clemen scratch resistance	≥ 2 kg
	Corrosion resistance:	
	Salt spray test	360 hours
	Corrosion resistance category	RC4
	Condensation resistance (QCT)	1000 hours
	UV resistance:	
	 QUV (UVA + H₂O) test (2000 hours) 	ΔE ≤ 2; GR ≥ 80%
	UV resistance category	RUV4
	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
	Maximum continuous operating temperature	100°C
Automatic guarantee	 Non-perforation of the sheet metal Non-delamination of the paint Aesthetic appearance (ΔΕ ≤ 3; Gloss retention ≥ 60%) 	 ≤ 20 years, depending on the external environment ≤ 15 years, depending on the external environment Maximum 10 years on colour retention, depending on the geographic location

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