



Granite[®] Ultramat

Inspired by Nature



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
- Thermosetting paint
- Surface treatment and paint: free of hexavalent chromium and heavy metals

Applications

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	Wrinkled
Temporary protection (optional)	Strippable films are usually not suitable for wrinkled surfaces

Performance

Adhesion of the coating (T-bend):	
• 20°C	≤ 1 T
• 10°C	≤ 1 T
Resistance to cracking on bending (T-bend):	
• 20°C	≤ 2 T
• 10°C	≤ 2 T
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 + H ₂ O) 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

Automatic guarantee

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| • Non-perforation of the sheet metal | ≤ 20 years, depending on the external environment |
| • Non-delamination of the paint | ≤ 15 years, depending on the external environment |
| • Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 60%) | Maximum 10 years on colour retention, depending on the geographic location and the paint colour category |

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 batch 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