

Granite[®] Impression Cloudy

guarantee **15** years
 free of chromates and heavy metals

- Properties**
- Very good formability during deep drawing and profiling
 - Good corrosion resistance
 - Thermosetting paint
 - Surface treatment and paint: free of hexavalent chromium and heavy metals

Applications External use: coating specifically designed for roof tiles

Description	Thickness ⁽¹⁾	Usual: 35 microns
	Composition	Front: 35 microns Back: 5, 7, 10 or 12 microns backing coat Single-side finish
	Colours / Gloss (Gardner 60°) ⁽¹⁾	5 GU
	Appearance	Cloudy effect
	Temporary protection (optional)	Self-adhesive film; please contact us

Performance	Adhesion of the coating (T-bend)	≤ 0.5 T
	Resistance to cracking on bending (T-bend)	≤ 1 T
	Impact resistance	18 J
	Clemen scratch resistance	≥ 2 kg
	Resistance on deformed parts: Marciniak test	≤ 1C1
	Surface "pencil" hardness	F
	Corrosion resistance:	
	• Salt spray test	500 hours
	• Corrosion resistance category	RC4
	Condensation resistance (QCT)	1000 hours
	UV resistance category	RUV4
	Fire behaviour classification (EN 13501-1)	A1
	Resistance to acids and bases	Good to very good
	Resistance to solvents:	
• Aliphatics and alcohols	Very good	
• Ketones	Low	
• Aromatics	Good to very good	
Resistance to mineral oils	Very good	
Maximum continuous operating temperature	100°C	

Automatic guarantee	• Non-perforation of the sheet metal	≤ 15 years, depending on the external environment
	• Non-delamination of the paint	≤ 15 years, depending on the external environment
	• Aesthetic appearance ($\Delta E \leq 3$; Gloss retention $\geq 80\%$)	≤ 5 years, depending on the geographic location and the paint colour category

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