

# Granite<sup>®</sup> Impression Agate

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 cladding for buildings

<b>Description</b>	Thickness <sup>(1)</sup>	35 microns
	Composition	Front: 35 microns (10 microns primer + 15 microns base coat + ink + 10 microns clear coat) Back: 5, 7, 10 or 12 microns backing coat Single-side finish
	Gloss (Gardner 60°) <sup>(1)</sup>	Maximum 30 GU
	Colours	Specific colour palette
	Appearance	Printed effect
	Temporary protection (optional)	Self-adhesive film; please contact us

<b>Performance</b>	Adhesion of the coating (T-bend)	≤ 1 T
	Resistance to cracking on bending (T-bend)	≤ 2 T
	Impact resistance	18 J
	Clemen scratch resistance	≥ 2 kg
	Resistance on deformed parts: Marciniak test	< 1C1
	Corrosion resistance:	
	• Salt spray test	500 hours
	• Corrosion resistance category	RC4
	Condensation resistance (QCT)	1500 hours
	UV resistance category	RUV4
	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

<b>Automatic guarantee</b>	• 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 (ΔE ≤ 3; Gloss retention ≥ 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