



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

Inspired by Nature



## 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

## Description

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

## Performance

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 • Corrosion resistance category	360 hours RC3
Condensation resistance (QCT)	1500 hours
UV resistance category	RUV4
Resistance to acids and bases	Good to very good
Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Low Good to very good
Resistance to mineral oils	Very good

## Automatic guarantee

Please refer to "Granite <sup>®</sup> Automatic Guarantee" in the product document centre at <a href="http://industry.arcelormittal.com">industry.arcelormittal.com</a>	
• 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 standard Printed effect on each coil, ArcelorMittal does not guarantee the visual consistency of the colour from one coil 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