



Granite[®] Impression Cloudy

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 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 • Corrosion resistance category	500 hours 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 • Ketones • Aromatics	Very good Low Good to very good
Resistance to mineral oils	Very good

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 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