

Granite<sup>®</sup> Quartz

Nspired by Nature



## Properties

- Mineral textured finish
- Very good formability
- Very good UV resistance
- Very good corrosion resistance
- Thermosetting paint
- Surface treatment and paint: free of hexavalent chromium and heavy metals

## Applications

**External building and general industry applications: roofing tiles, cladding**

## Description

Thickness	45 microns
Composition	Front: 15 microns primer + 30* microns top coat Back: 10 or 12 microns backing coat Single-side finish
Gloss (Gardner 60°)	Maximum 6 GU
Colours	2 specific colour palettes: Classic and Modern
Appearance	Wrinkled
Temporary protection (optional)	Strippable films are usually not suitable for wrinkled surfaces

## Performance

Adhesion of the coating (T-bend)	≤ 1 T
Resistance to cracking on bending (T-bend)	≤ 2 T
Impact resistance	18 J
Resistance on deformed parts: Marciniak test	≤ 1C1
Clemen scratch resistance	≥ 2 kg
Corrosion resistance: • Salt spray test • Corrosion resistance category	360 hours RC4
Condensation resistance (QCT)	1500 hours
UV resistance: • QUV (UVA + H <sub>2</sub> O) test (2000 hours) • UV resistance category	ΔE ≤ 2; GR ≥ 80% RUV4
Fire behaviour classification (EN 13501-1)	A1
Resistance to acids and bases	Good
Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Low Good to very good

## Automatic guarantee

- Non-perforation of the sheet metal ≤ 20 years, depending on the external environment
- Non-delamination of the paint ≤ 20 years, depending on the external environment
- Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 80%) ≤ 5 years, depending on the geographical location and the paint colour category

## Remarks

These performance characteristics refer specifically to metallic coating Z275 (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.  
(\* ) Nominal thickness is an average value. Given the specific texture, thickness tolerances according to EN 10169 do not apply.  
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.