



Granite[®] Deep Mat

Properties

- Nice aesthetic appearance: mat and wrinkled
- Very good formability
- Good corrosion resistance

Applications

External building and general industry applications: tiles, cladding etc

Description

Thickness	35 microns
Composition	Front: 10 microns primer + 25 microns top coat Back: 5, 7, 10 or 12 microns backing coat Double-side finish available
Gloss (Gardner 60°)	Maximum 5 GU
Colours	Specific colour palette
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
Surface "pencil" hardness	HB to H
Clemen scratch resistance	≥ 1.5 kg
Corrosion resistance: • Salt spray test • Corrosion resistance category	360 hours RC3
Condensation resistance (QCT)	1000 hours
UV resistance: • QUV (UVA + H ₂ O) test (2000 hours) • UV resistance category	ΔE ≤ 3; GR ≥ 60% RUV3
Resistance to acids and bases	Good
Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Low Good to very good

Automatic guarantee

Please refer to the guarantee text in the module Products & Services > Guarantee organic coated steel on www.arcelormittal.com/fce	
• Non-perforation of the sheet metal	≤ 10 years, depending on the external environment
• Non-delamination of the paint	≤ 10 years, depending on the external environment
• Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 50%)	≤ 5 years, depending on the geographic location and on the paint colour category

Remarks

These performance characteristics refer specifically to metal coating Z225 (guaranteed minimum).
If any product (film, oil, foam, glue, paint etc) is applied after coil delivery, compatibility with the coating has to be checked.