ArcelorMittal

Granite® Standard

Nspired by Nature

guarantee 10 years
free of chromates and heavy metals

Properties	• Good corrosion resistance • Good formability • Thermosetting paint • Surface treatment and paint: free of hexavalent chromium and heavy metals	
Applications	**Basic coating for outdoor applications (cladding, roofing and accessories, air conditioners)**	
Description	Thickness [1]	25 microns
	Composition	Front: 5 microns primer + 20 microns top coat Back: 5, 7, 10 or 12 microns backing coat Double-side finish available
	Gloss (Gardner 60°) [1]	30 GU Other gloss levels on request
	Colours	Colour palette Other colours on request
	Appearance	Smooth
	Temporary protection (optional)	Self-adhesive film or heat-sealed film
Performance	Adhesion of the coating (T-bend)	≤ 2 T
	Resistance to cracking on bending (T-bend)	≤ 3 T
	Impact resistance	18 J
	Surface "pencil" hardness	HB to H
	Clemen scratch resistance	≥ 2 kg
	Corrosion resistance: • Salt spray test • Corrosion resistance category	 360 hours RC3
	Condensation resistance (QCT)	1000 hours
	UV resistance: • QUV (UVA + H_2O) test (2000 hours) • UV resistance category	 $\Delta E \leq 5$; GR ≥ 30% RUV2
	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
	Resistance to mineral oils	Very good
Automatic guarantee	Please refer to "Granite® Automatic Guarantee" in the product document centre at www.arcelormittal.com/industry • Non-perforation of the sheet metal • Non-delamination of the paint • Aesthetic appearance ($\Delta E \leq 5$; Gloss retention ≥ 30%)	 ≤ 10 years, depending on the external environment ≤ 5 years, depending on the external environment ≤ 5 years, depending on the geographic location and the paint colour category
Remarks	These performance characteristics refer specifically to metallic coating Z225 and Optigal™ ZM100 (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.	

(1) Nominal value, tolerance according to EN 10169