

Granite[®] Deep Mat 40 microns

guarantee **20** years
free of chromates and heavy metals

Properties	<ul style="list-style-type: none"> Nice aesthetic appearance: matt and wrinkled Very good formability 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, cladding etc	
Description	Thickness ⁽¹⁾	40 microns
	Composition	Front 15 microns primer + 25 microns top coat Back: 5, 7, 10 or 12 microns backing coat Double-side finish available
	Gloss (Gardner 60°) ⁽¹⁾	Maximum 5 GU
	Colours	Specific colour palette
	Appearance	With a fine or rough wrinkle
	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	≥ 1.5 kg
	Corrosion resistance:	
	• Salt spray test	500 hours
	• Corrosion resistance category	RC4
	Condensation resistance (QCT)	1500 hours
	UV resistance:	
	• QUV (UVA + H ₂ O) test (2000 hours)	ΔE ≤ 3; GR ≥ 60%
	• UV resistance category	RUV3
	Resistance to acids and bases	Good
	Resistance to solvents:	
	• Aliphatics and alcohols	Very good
	• Ketones	Low
	• Aromatics	Good to very good
	Maximum continuous operating temperature	100°C
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 ≥ 50%)	≤ 5 years, depending on the geographic location and the paint colour category
Remarks	<p>These performance characteristics refer specifically to metallic coating Z225 and Optigal[®] ZM120 (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. Although we take great care to reproduce the same aesthetic aspect on each coil, ArcelorMittal cannot guarantee the visual consistency from one single order item to another. Consequently, you need to consider placing one single order for one building; standard samples can only serve as a guide.</p>	

(1) Nominal value, tolerance according to EN 10169