

Granite[®] HDXtreme

guarantee **40** years

Extremely beautiful, extremely durable
free of chromates and heavy metals

Properties	• Very good UV resistance • Remarkable corrosion behaviour for all shades • Very good formability • Robust coating • Full thermosetting paint system • Surface treatment and paint: free of hexavalent chromium and heavy metals • Use for indoor and outdoor harsh, aggressive environments such as: coastal, industrial	
Applications	External uses in severe environments: profiles, cassettes, blades, sandwich panels for roofing and cladding, building materials (tiles etc) Internal uses in aggressive indoor environments (industrial buildings, swimming pools) even for severe outdoor environments	
Description	Thickness ⁽¹⁾	75 microns
	Composition	Front: primer + base coat + varnish Back: minimum 12 microns backing coat, 25 microns backing coat available Single-side finish – combinations depending on the environment and end use Double-side finish possible
	Gloss (Gardner 60°)	30 GU
	Colours	Colour palette (Satin and Sparkling)
	Appearance	Grained
	Temporary protection (optional)	Not applicable
Performance	Adhesion of the coating (T-bend)	≤ 1 T
	Resistance to cracking on bending (T-bend)	≤ 1.5 T
	Impact resistance	18 J
	Clemen scratch resistance	≥ 3.5 kg
	Corrosion resistance:	
	• Salt spray test	1000 hours
	• Corrosion resistance category	RC5+
	Condensation resistance:	
	• QCT test	1500 hours
	• Corrosion protection (interior) category	CPI4
	UV resistance:	
	• QUV (UVA + H ₂ O) test (4000 hours)	ΔE ≤ 2; GR ≥ 80%
	• UV resistance category	RUV5
	Fire behaviour classification	A2
	Resistance to acids and bases	Good to very good
	Resistance to solvents:	
	• Aliphatics and alcohols	Very good
	• Ketones	Low
	• Aromatics	Good to very good
	Resistance to mineral oils	Very good
	Maximum continuous operating temperature	100°C
Automatic guarantee	• Non-perforation of the sheet metal • Non-delamination of the paint • Aesthetic properties (ΔE ≤ 5; Gloss retention ≥ 50%)	≤ 40 years, depending on the external environment ≤ 40 years, depending on the external environment ≤ 12 years, depending on the geographic 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. 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.	

(1) Nominal value, tolerance according to EN 10169