

Granite[®] HD

Properties	Thermosetting paint	<ul style="list-style-type: none"> • Good UV resistance • Good corrosion resistance • Good formability
Applications	External uses: construction (cladding, roofing and accessories, insulated panels)	
Description	Thickness	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°)	30 GU Other gloss levels on request
	Colours	Colour palette Other colours on request
	Appearance	Smooth, grained
	Temporary protection (optional)	Self-adhesive film or heat-sealed film on smooth coating
Performance	Adhesion of the coating (T-bend)	≤ 1 T
	Resistance to cracking on bending (T-bend)	≤ 2 T
	Impact resistance	18 J
	Surface "pencil" hardness	HB to H
	Clemen scratch resistance	≥ 2 kg
	Corrosion resistance: <ul style="list-style-type: none"> • Salt spray test • Corrosion resistance category 	360 hours RC3
	Condensation resistance (QCT)	1000 hours
	UV resistance: <ul style="list-style-type: none"> • QUV (UVA + H₂O) test (2000 hours) • UV resistance category 	ΔE ≤ 3; GR ≥ 60% RUV3
	Fire behaviour classification: <ul style="list-style-type: none"> • France CSTB • NF EN 13501-1 	M0 A1
	Resistance to acids and bases	Good to very good
	Resistance to solvents: <ul style="list-style-type: none"> • Aliphatics and alcohols • Ketones • Aromatics 	Very good Low Good to very good
	Resistance to mineral oils	Very good
Automatic guarantee	Please refer to the guarantee text in the module Products & Services > Guarantee organic coated steel on www.arcelormittal.com/fce <ul style="list-style-type: none"> • Non-perforation of the sheet metal • Non-delamination of the paint • Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 50%) 	≤ 10 years, depending on the external environment ≤ 10 years, depending on the external environment ≤ 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.	