

Granite® PVDF

Properties	Thermoplastic paint		<ul style="list-style-type: none">• Excellent colour and appearance stability• Good corrosion resistance• Excellent chemical resistance	
Applications	External uses: architectural buildings, buildings in aggressive environment			
Description	Thickness	35 microns		
	Composition	Front: 15 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	Specific colours on request		
	Appearance	Smooth		
	Temporary protection (optional)	Self-adhesive film or heat-sealed film		
	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		500 hours RC4		
Condensation resistance (QCT)		1000 hours		
UV resistance: <ul style="list-style-type: none">• QUV (UVA + H₂O) test (2000 hours)• UV resistance category		ΔE ≤ 2; GR ≥ 80% RUV4		
Fire behaviour classification: <ul style="list-style-type: none">• France CSTB• NF EN 13501-1		M0 A1		
Resistance to acids and bases		Very good		
Resistance to solvents: <ul style="list-style-type: none">• Aliphatics and alcohols• Ketones• Aromatics		Excellent Very good Very good		
Resistance to mineral oils		Excellent		
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 ≥ 80%)		<ul style="list-style-type: none">≤ 15 years, depending on the external environment≤ 15 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.	