



# Granite<sup>®</sup> HD

<b>Properties</b>	Thermosetting paint	<ul style="list-style-type: none"> <li>• Good UV resistance</li> <li>• Good corrosion resistance</li> <li>• Good formability</li> </ul>
<b>Applications</b>	<b>External uses: construction (cladding, roofing and accessories, insulated panels)</b>	
<b>Description</b>	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
<b>Performance</b>	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: • Salt spray test • Corrosion resistance category	360 hours RC3
	Condensation resistance (QCT)	1000 hours
	UV resistance: • QUV (UVA + H <sub>2</sub> O) test (2000 hours) • UV resistance category	ΔE ≤ 3; GR ≥ 60% RUV3
	Fire behaviour classification: • France CSTB • NF EN 13501-1	M0 A1
	Resistance to acids and bases	Good to very good
	Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Low Good to very good
	Resistance to mineral oils	Very good
<b>Automatic guarantee</b>	<p>Please refer to the guarantee text in the module Products &amp; Services &gt; Guarantee organic coated steel on <a href="http://www.arcelormittal.com/fce">www.arcelormittal.com/fce</a></p> <ul style="list-style-type: none"> <li>• Non-perforation of the sheet metal</li> <li>• Non-delamination of the paint</li> <li>• Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 50%)</li> </ul>	
<b>Remarks</b>	<p>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.</p>	