

# Granite<sup>®</sup> Silky Shine 50 microns

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

<b>Properties</b>	<ul style="list-style-type: none"> <li>• Good formability</li> <li>• Good UV resistance</li> <li>• RC4 corrosion resistance</li> <li>• Surface treatment and paint: free of hexavalent chromium and heavy metals</li> </ul>	
<b>Applications</b>	<b>Attractive top-of-the-range coating for outdoor applications: corrugated profiles, sandwich panels, cassettes etc</b>	
<b>Description</b>	Thickness <sup>(1)</sup>	50 microns
	Composition	Front: 15 microns primer + 35 microns top coat Back: minimum 10 microns high-gloss backing coat Single-side finish
	Gloss (Gardner 60°) <sup>(1)</sup>	> 80 GU
	Colours	Dedicated colour palette of attractive colours
	Appearance	Smooth and shiny
	Temporary protection (recommended)	Self-adhesive film
<b>Performance</b>	Adhesion of the coating (T-bend)	≤ 1 T
	Resistance to cracking on bending (T-bend)	≤ 3 T
	Impact resistance	18 J
	Clemen scratch resistance	≥ 2.5 kg
	Corrosion resistance:	
	• Salt spray test	500 hours
	• Corrosion resistance category	RC4
	Condensation resistance (QCT)	1500 hours
	UV resistance:	
	• QUV (UVA + H <sub>2</sub> O) test (4000 hours)	ΔE ≤ 2; GR ≥ 80%
	• UV resistance category	RUV5
	Resistance to acids and bases	Very good
	Resistance to detergents	Very good
	Resistance to solvents	Very good
	Maximum continuous operating temperature	100°C
<b>Automatic guarantee</b>	<ul style="list-style-type: none"> <li>• Non-perforation of the sheet metal ≤ 20 years, depending on the external environment</li> <li>• Non-delamination of the paint ≤ 20 years, depending on the external environment</li> <li>• Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 80%) ≤ 5 years, depending on the geographical location and the paint colour category</li> </ul>	

**Remarks** These performance characteristics refer specifically to metallic coating Z225 (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