



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

Inspired by Nature



## Properties

- Good formability
- Good UV resistance
- RC4 corrosion resistance
- Surface treatment and paint: free of hexavalent chromium and heavy metals

## Applications

**Attractive top-of-the-range coating for outdoor applications: corrugated profiles, sandwich panels, cassettes etc**

## Description

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

## Performance

Adhesion of the coating (T-bend)	≤ 1 T
Resistance to cracking on bending (T-bend)	≤ 2 T
Impact resistance	18 J
Clemen scratch resistance	≥ 2.5 kg
Corrosion resistance: • Salt spray test • Corrosion resistance category	500 hours RC4
Condensation resistance (QCT)	1500 hours
UV resistance: • QUV (UVA + H <sub>2</sub> O) test (2000 hours) • UV resistance category	ΔE ≤ 2; GR ≥ 80% RUV4
Resistance to acids and bases	Very good
Resistance to detergents	Very good
Resistance to solvents	Very good

## Automatic guarantee

- Non-perforation of the sheet metal ≤ 20 years, depending on the external environment
- Non-delamination of the paint ≤ 20 years, depending on the external environment
- Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 80%) ≤ 5 years, depending on the geographical location and the paint colour category

## 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 batch 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