

Solano® 20



Properties

- Very good corrosion resistance
- Very good formability
- Excellent abrasion resistance
- Phthalate-free

Applications

External uses: construction (cladding, roofing)

Description

Thickness	200 microns
Composition	Z275 or equivalent Front: 200 microns of finish Back: 5, 7, 10 or 12 microns backing coat Double-side finish available (please contact us)
Colours	Colour palette Specific colours on request
Appearance	Embossed (leathergrain, grained, medium striped, fine striped) Smooth (please contact us)

Performance

Adhesion of the coating (T-bend)	≤ 1 T
Resistance to cracking on bending (T-bend)	≤ 3 T
Impact resistance	Very good
Corrosion resistance: • Salt spray test	1000 hours
Condensation resistance (QCT)	1000 hours
UV resistance: • QUV (UVA + H ₂ O) test (2000 hours) • UV resistance category	ΔE ≤ 5; GR ≥ 30% RUV2
Resistance to acids and bases	Good
Resistance to solvents: • Aliphatics and alcohols • Ketones • Aromatics	Very good Low Good to very good
Resistance to mineral oils	Very good

Automatic guarantee

Please refer to "Solano® Automatic Guarantee" in the module Products & Services > Guarantee organic coated steel at www.arcelormittal.com/industry	
• Non-perforation of the sheet metal	≤ 20 years
• Non-delamination of the paint	≤ 20 years
• Aesthetic appearance	≤ 2 years

Fire behaviour classification (EN 13501-1)	Cs2d0
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Remarks

These performance characteristics refer specifically to metallic coating Z275 (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.