

# Estetic<sup>®</sup> Mat

- Properties**
- Good formability
  - Matt appearance
  - Easy to clean
  - Excellent resistance to metal marking
  - Thermosetting paint
  - Surface treatment and paint: free of hexavalent chromium and heavy metals

**Applications** **Metal ceilings (capping, ceiling tiles, perforated panels, accessories etc), internal panels, doors**

<b>Description</b>	Thickness <sup>(1)</sup>	25 microns
	Composition	Front: 5 microns primer + 20 microns top coat Back: 5, 7, 10 or 12 microns backing coat
	Gloss (Gardner 60°) <sup>(1)</sup>	Usual: 15 GU Possible: 5-20 GU ≤ 5 GU for wrinkled surfaces
	Colours	Specific colours on request
	Appearance	Smooth, with a fine or rough wrinkle
	Temporary protection (optional)	Self-adhesive film or heat-sealed film
	<b>Performance</b>	Adhesion of the coating (T-bend)
Resistance to cracking on bending (T-bend)		≤ 2 T
Impact resistance		18 J
Surface "pencil" hardness		HB to F
Salt spray test		240 hours
Condensation resistance:		
• QCT test		1000 hours
• Corrosion protection category		CPI3
Fire behaviour classification (EN 13501-1)		A1
Resistance to acids and bases		Good
Resistance to solvents:		
• Aliphatics and alcohols	Good to very good	
• Ketones	Low	
• Aromatics	Good	
Resistance to mineral oils	Very good	

**Remarks** These performance characteristics refer specifically to metallic coating Z100 and Optigal<sup>®</sup> ZM60 (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