

# Granite<sup>®</sup> Farm 35 microns

- Properties**
- Very good chemical resistance
  - Good corrosion resistance
  - Good formability
  - Thermosetting paint
  - Surface treatment and paint: free of hexavalent chromium and heavy metals

**Applications** Inner side of cladding, roofing (single sheets or sandwich panels), to be used in the aggressive environment of livestock and farm buildings

<b>Description</b>	Thickness <sup>(1)</sup>	35 microns
	Composition	Front (inner side of the building): 15 microns primer + 20 microns top coat Back (outer side of the building): Granite <sup>®</sup> HD, Granite <sup>®</sup> HDS, Granite <sup>®</sup> HDX for double-sided finish; 12 microns backing coat recommended for sandwich panels
	Gloss (Gardner 60°) <sup>(1)</sup>	30 GU Other gloss levels on request
	Colours	Various shades of white
	Appearance	Smooth
	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 H
Clemen scratch resistance		≥ 2 kg
Corrosion resistance:		
• Salt spray test		360 hours
Condensation resistance:		
• QCT test		1500 hours
• Corrosion protection (interior) category		CPI4
Fire behaviour classification (EN 13501-1)		A1
Resistance to acids and bases		Good to very good
Resistance to ammonia		Very good
Resistance to solvents:		
• Aliphatics and alcohols	Very good	
• Ketones	Very good	
• Aromatics	Very good	
Resistance to mineral oils	Very good	

**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. 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*