

Granite[®] Rain HDS

guarantee **10** years
 free of chromates and heavy metals

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

Applications Rainwater systems (gutters, drainpipes and accessories)

Description	Thickness ⁽¹⁾	35 microns
	Composition	Front: 15 microns primer + 20 microns top coat Double-side finish
	Gloss (Gardner 60°) ⁽¹⁾	30 or 40 GU depending on the colour Other gloss levels on request
	Colours	Colour palette Other colours on request
	Appearance	Grained
	Temporary protection (optional)	Not applicable
	Performance	Adhesion of the coating (T-bend)
Resistance to cracking on bending (T-bend)		≤ 2 T
Impact resistance		18 J
Clemen scratch resistance		≥ 2 kg
Corrosion resistance:		
• Salt spray test		500 hours
• Corrosion resistance category		RC4
Condensation resistance (QCT)		1500 hours
UV resistance:		
• QUV (UVA + H ₂ O) tests (2000 hours)		ΔE ≤ 2; Gloss retention ≥ 80%
• UV resistance category		RUV4
Fire behaviour classification (EN 13501-1)		A1
Resistance to acids and bases	Good to very good	
Resistance to solvents:		
• Aliphatics and alcohols	Very good	
• Ketones	Low	
• Aromatics	Good to very good	
Resistance to mineral oils	Very good	

- Automatic guarantee**
- Non-perforation of the sheet metal 10 years
 - Aesthetic appearance (ΔE ≤ 3; Gloss retention ≥ 80%) ≤ 5 years, depending on the paint colour category

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