



# Granite<sup>®</sup> Rain HDS

Inspired by Nature



## 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 <sup>(1)</sup>	35 microns
Composition	Front: 15 microns primer + 20 microns top coat Double-side finish
Gloss (Gardner 60°) <sup>(1)</sup>	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)	≤ 1 T
Resistance to cracking on bending (T-bend)	≤ 2 T
Impact resistance	18 J
Clemen scratch resistance	≥ 2 kg
Corrosion resistance: <ul style="list-style-type: none"> <li>• Salt spray test</li> <li>• Corrosion resistance category</li> </ul>	500 hours RC4
Condensation resistance (QCT)	1500 hours
UV resistance: <ul style="list-style-type: none"> <li>• QUV (UVA + H<sub>2</sub>O) tests (2000 hours)</li> <li>• UV resistance category</li> </ul>	ΔE ≤ 2; Gloss retention ≥ 80% RUV4
Fire behaviour classification (EN 13501-1)	A1
Resistance to acids and bases	Good to very good
Resistance to solvents: <ul style="list-style-type: none"> <li>• Aliphatics and alcohols</li> <li>• Ketones</li> <li>• Aromatics</li> </ul>	Very good Low 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 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