

# Granite® Rain

The perfect choice for rainwater systems

**Granite® Rain: the most cost-effective compromise between aesthetics and durability available on the market today.**

The Granite® Rain range comprises two products, Granite® Rain HDS & Granite® Rain HDX, both of which offer the following advantages:

- A flexible double-sided organic coated paint system for improving weathering resistance and the barrier effect. Granite® Rain HDX has been specifically developed to be very flexible at low temperature
- An automatic guarantee against corrosion and on aesthetic appearance (exposed side) of the coating for up to 10 years (Granite® Rain HDS) or 15 years (Granite® Rain HDX), depending on the external environment
- A rich palette of colours with a grained finish

## Applications

Rainwater systems: gutters, downpipes, elbows, internal or external corners, outlets, rainwater diverters etc.



## Main properties

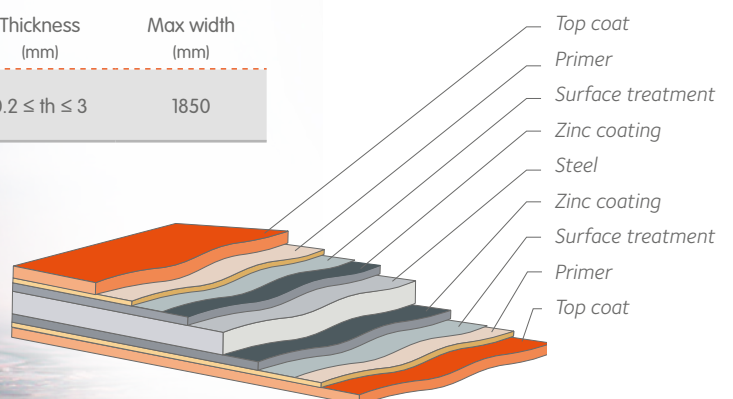
	Granite® Rain HDS	Granite® Rain HDX
Nominal paint thickness	35/35 microns	55/55 microns
Zinc coating thickness	Z275	Z275
Gloss (Gardner 60°)	30 or 40 GU (depending on the colour)	30 or 40 GU (depending on the colour)
Clemen scratch resistance	≥ 2 kg	≥ 2 kg
Adhesion of the coating (T-bend)	≤ 1 T	≤ 1 T
Resistance to cracking on bending (T-bend)	≤ 2 T	≤ 0.5 T
Corrosion resistance (salt spray test)	500 hours (ISO 7253) / RC4 (category according to EN 10169 – scale 1 to 5 (the best))	700 hours (ISO 7253) / RC5 (category according to EN 10169 – scale 1 to 5 (the best))
UV resistance (QUV test)	2000 hours (ISO 4892-3) / RUV4 (category according to EN 10169)	2000 hours (ISO 4892-3) / RUV4 (category according to EN 10169)
Formability	Good	Very good

Combining durability with ease of use, flexibility, guarantees and aesthetic appeal, ArcelorMittal's Granite® Rain products redefine rainwater systems

## Dimensional feasibility

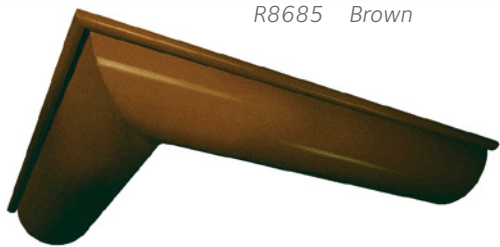
	Thickness (mm)	Max width (mm)
Granite® Rain HDS Granite® Rain HDX	0.2 ≤ th ≤ 3	1850

## Thermosetting paint system





R9002 Grey white



R8685 Brown



R8698 Dark brown



R9005 Jet black



R3327 Red



R3009 Oxide red



R8004 Copper brown



### A palette of colours

Traditionally gutters are seen as a necessary evil, so their design tends to favour durability over the aesthetically pleasing.

Granite® Rain asks the question 'Why can't they be both?'

The answer is 'Yes, they can', as Granite® Rain comes in a variety of colours to suit every taste and every budget. Moreover, knowing that no two projects are ever the same, customisation is also possible. All colours have an artistically grained aesthetic texture and are subject to ArcelorMittal's common quality assurance system, guaranteeing that diversity and originality are the trademark of every project.

	ArcelorMittal reference	Gloss
Grey white	R9002	40 GU
Brown	R8685	30 GU
Dark brown	R8698	40 GU
Jet black	R9005	40 GU
Red	R3327	30 GU
Oxide red	R3009	40 GU
Copper brown	R8004	40 GU

*NB: Although we have taken great care to reproduce the colours in this palette, we cannot guarantee that they are a perfect representation. Consequently, these printed colour samples can only serve as a guide.*

### Process

Granite® Rain can be processed by forming and deep drawing without damaging the top surface, and can be joined using techniques such as clinching, riveting and adhesive bonding.

A **best practice guide** is at your disposal giving recommendations on:

- How to use our products
- Which steel grades to use
- Processing, maintenance & cleaning

### We are here to help you

For further information, detailed catalogues or technical data, please visit: [www.arcelormittal.com/fce](http://www.arcelormittal.com/fce)

Or contact us direct at: [fce.technical.assistance@arcelormittal.com](mailto:fce.technical.assistance@arcelormittal.com)

### Credits

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