

Granite® Storm

Extended durability with matt finish

A roof for more than one generation

Granite® Storm is a pre-painted steel for roofing applications offering extended durability, a matt finish and exceptional formability: all in one product.

This unparalleled performance is made possible by the combination of a thick and flexible organic coating combined with an optimised metallic steel substrate.

Granite® Storm is particularly specified for roofs where aesthetics and durability are key assets. It is an ideal alternative to the traditional tiled roof, as it offers the very highest levels of robustness. Thanks to Granite® Storm, roofs can be built to last for more than a generation, and are able to resist whatever nature throws at them.

- Textured matt finish
- Long life time, up to 30 year guarantee
- Excellent formability
- Extensive colour range with unmatched UV resistance

Granite® Storm has been thoroughly tested in laboratories, and external marine environments before being brought to market.

The successful performance of the product in harsh environments allows ArcelorMittal to offer a guarantee of up to 30 years, on Z275 g/m² substrate or equivalent, against perforation of the metallic substrate.



ARAD Premium roofing tiles made with Granite® Storm
Photo courtesy of Pruszyński Sp. z o.o.



Photographer: Jerzy Wawrzyczek, ArcelorMittal

Formability is a key requirement for roofing tiles. Granite® Storm, with its highly flexible coating, allows forming to create both new designs and traditional looks. The paint system remains robust even after forming. Non-peeling of the paint film is guaranteed.

ArcelorMittal R&D has tested Granite® Storm's processing behaviour on real tools, with the most severe radius shapes to be certain of these high performance levels.

Technical data

Coating	50µm organic coating applied on a Z275 (or equivalent) zinc-coated flat carbon steel
Dimensions	0.45 to 1.2mm, 600 to 1250mm (for other dimensions please contact us)
Gloss	Maximum 5 GU
Corrosion / UV resistance	RC5 / RUV4 (EN10169)
Flexibility	Resistance to cracking (T-bend) ≤ 2T
Scratch resistance	≥ 2.5kg (Clemen)
SVHC ⁽¹⁾	Exempt
Guarantee ⁽²⁾	Up 30 years, depending on the external environment



D305X Wine red



D309X Oxide red



D804X Copper brown



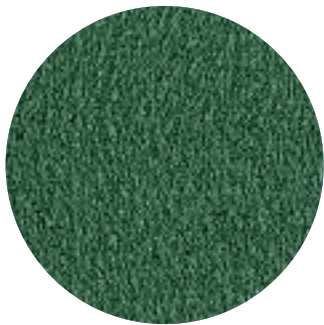
D817X Chocolate brown



D311X Brown red



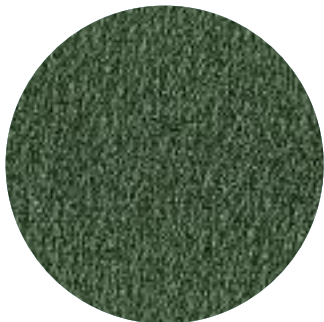
D819X Grey brown



D605X Moss green



D724X Graphite grey



D620X Chrome green



D905X Jet black

Unique aesthetics and colours

Granite® Storm's high performing paint system provides an exceptional level of UV resistance (RUV4 category). This unmatched performance for matt colours gives the roof the colour stability over time it needs.

Granite® Storm is produced at a number of European sites and well adapted for use in all European climates.

ArcelorMittal's Granite® Storm range of coated steels is available in textured colours. The wide colour palette matches the aesthetics seen on traditional roofs, and harmonises with urban or rural environments. Further colours are available upon request.

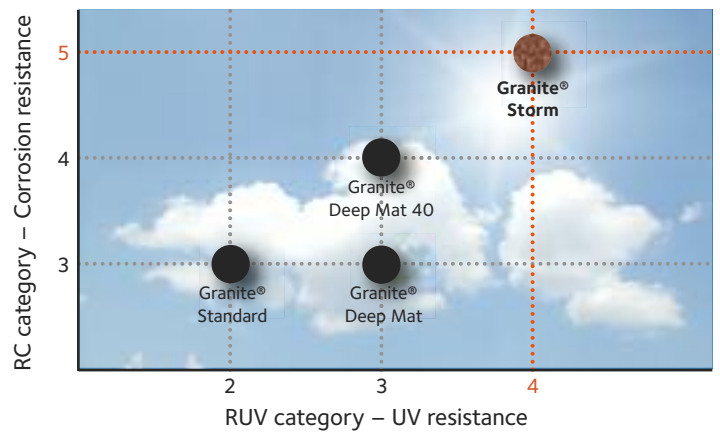
Designed for environmentally responsible building

Like all of our Granite® products, Granite® Storm is part of the ArcelorMittal Nature range. All our Nature organic coated steels are free of heavy metals and chromates¹.

Granite® Storm benefits from the recyclability of steel, in addition to a paint which respects the environment.



Granite® Storm provides the best corrosion and UV resistance performance (EN 10169)



Omega® roofing tiles made with Granite® Storm. Photo courtesy of Blachprofil 2

(1) Substances of Very High Concern included in annex XIV of the REACH regulations
(2) Guarantee terms and conditions are available on our website <http://industry.arcelormittal.com>



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