



Granite® Silky Shine

Timeless colours for glittering facades

Granite® Silky Shine is a pre-painted steel for facade systems with a high-gloss luxurious skin that enhances the visibility and impact value of buildings.

It has been developed to take into account all building facade requirements: formability, scratch resistance and easy cleaning.



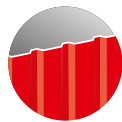
- Elegant colour range with brilliant finishes
- Colour stability over time
- Suitable for all facade requirements
- Excellent formability

Applications

Granite® Silky Shine is suited for all types of formings used for facade systems and fully adapted to the manufacturing of sandwich panels.



Sandwich panels



Profiled sheets



Cassettes and flat panels



Solar shading



Fins, blades and narrow elements

Granite® Silky Shine's glittering aspect is particularly suitable for designing prestigious architectural facades but is also fit for any other applications in building projects.

Performance

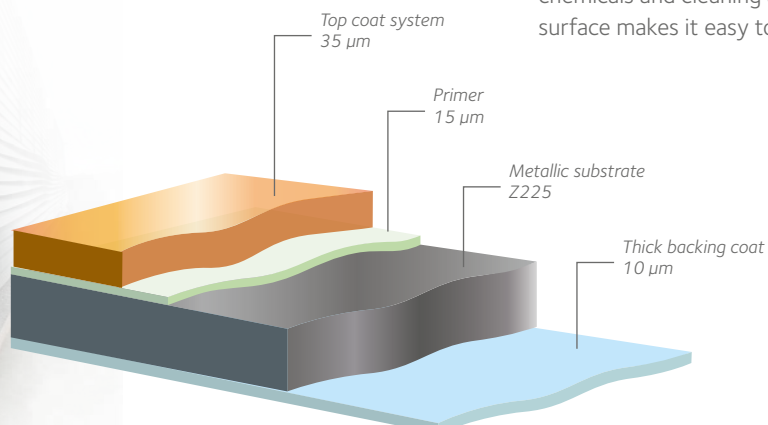
Granite® Silky Shine benefits from the excellent mechanical properties of the steel substrate with an extra thick, flexible paint system, making it scratch resistant, durable and formable.

Granite® Silky Shine has been thoroughly tested in laboratory and outdoor sites to guarantee a high durability.

The successful performance of the product allows ArcelorMittal to offer a guarantee of up to 20 years¹ against perforation of the metallic substrate depending on building environment. Extended guarantees can be granted on request for specific projects.

Easy cleaning

Granite® Silky Shine is resistant to many chemicals and cleaning agents. Its slick surface makes it easy to clean.



Main properties

Coating	50 µ m
Dimensions	Thickness: 0.3 mm to 1 mm Width: 670 mm to 1250 mm
Gloss	≥ 80 GU
Corrosion/UV resistance	RC4 / RUV4
Flexibility	Resistance to cracking (T-bend) ≤ 2T
Scratch resistance	≥ 2.5 kgs (Clemen)
Guarantee ¹	20 years
SVHC ²	Exempt
Small lot offer	Minimum 5 tons

The best resistance to UV radiation

Granite® Silky Shine's glossy finish (≥ 80 GU) lasts over time, reflecting light like a diamond. Its high performing paint system provides an exceptional level of UV resistance and stability over time for all colours. Granite® Silky Shine can be used in all types of environments, especially in sunny areas like Southern Europe, Africa and Middle East.

Granite® Silky Shine's colour palette has been especially designed for facades. Colours out of the palette are available upon request.

Designed for environmentally responsible building

Like all of our Granite® products, Granite® Silky Shine is part of the ArcelorMittal **Nature** range. All of our **Nature** organic coated steels are free from heavy metals and chromates.

Visit our website for the Environmental Product Declaration (EPD).

Available for small orders

A dedicated and flexible logistics and manufacturing offer allows the production and delivery of small lots to suit specific projects' requirements.

To identify the agency closest to you, please go to:

industry.arcelormittal.com/agencies

Comprehensive technical support is available through our Customer Technical Support team at:

flateurope.technical.assistance@arcelormittal.com

(1) 20 years automatic guarantee against perforation (extension on request). Guarantee conditions are available on our website: industry.arcelormittal.com

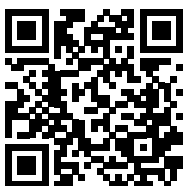
(2) Substances of Very High Concern included in the annex XIV of REACH regulation

Granite® Silky Shine palette



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

free of chromates[®]
Nspired by Nature
and heavy metals



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Credits

Colour samples: Philippe Vandenameele

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