

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.

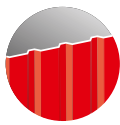
Performance

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.



Sandwich panels



Profiled sheets



Cassettes and flat panels



Solar shading



Fins, blades and narrow elements

Applications

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

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

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 the building environment. Extended guarantees can be granted on request for specific projects.

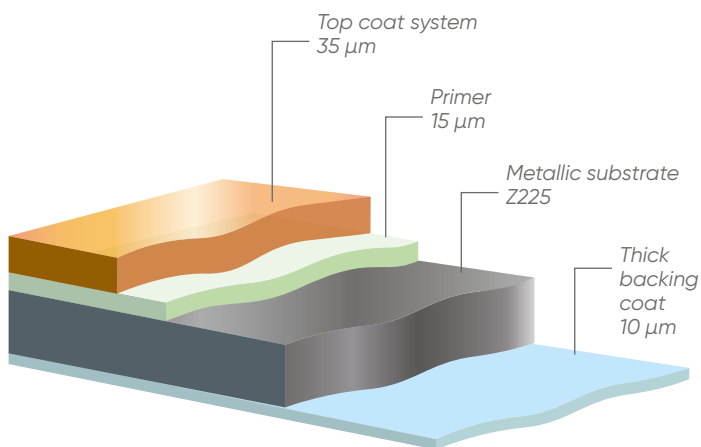
Easy cleaning

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

A distinctive range of brilliant aspects with unique aesthetics



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



guarantee **20** years
free of chromates and heavy metals



Main properties

Coating	50 µm
Dimensions	Thickness: 0.4 mm to 1.5 mm Width: 670 mm to 1250 mm
Gloss	≥ 80 GU
Corrosion/UV resistance	RC4 / RUV5
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

(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

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 the Middle East.

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

ArcelorMittal's low-carbon steel offer

ArcelorMittal Europe is committed to reducing its CO₂ emissions by 35% in 2030, and to be carbon-neutral in 2050. To achieve this, we have launched an ambitious plan of investments and created an umbrella brand: XCarb®. In 2022, we have started to offer a range of low-carbon footprint steel grades in XCarb® recycled and renewably produced.

We also propose CO₂ savings to our customers in the form of XCarb® green steel certificates.

More about XCarb®: constructalia.arcelormittal.com/en/topics_of_interest/xcarb

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

ArcelorMittal Europe – Flat Products

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L-1160 Luxembourg

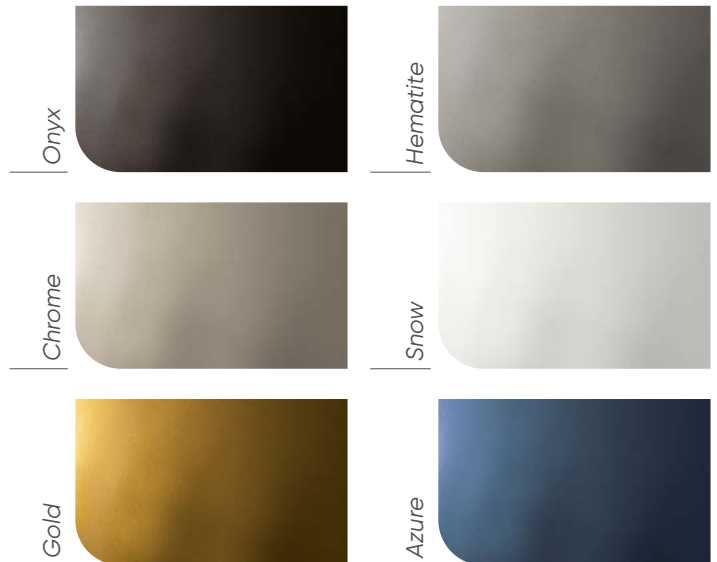
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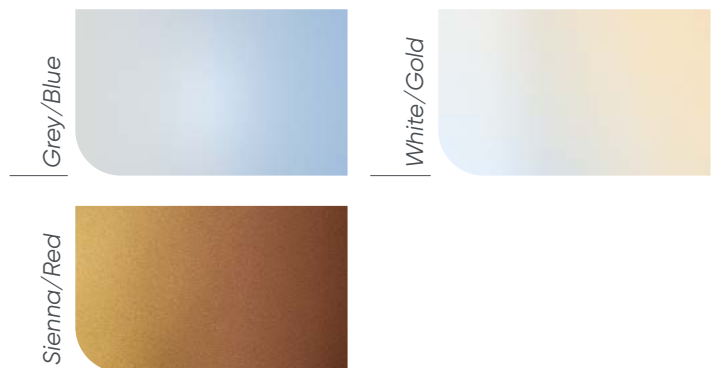
New Royal Dutch Mint building in Houten, the Netherlands – Architect: WILMA WASTIAU
Cladded with Granite® Silky Shine Gold – profiles

Granite® Silky Shine colour palette

Solid colours



Versatile colours



Standard gloss: ≥ 80 GU

Image credits

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Dirk Verwoerd Architectuurfotografie - www.architectuur-fotograaf.eu
Colour samples: Philippe Vandenameele

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