



Granite® Silky Mat

Textured finishes for elegant facades

Granite® Silky Mat offers a distinctive range of textures in a variety of metallic and mat colours offering unique aesthetics.

Granite® Silky Mat offers two finish options: a warm, tactile surface with a slightly sparkling textured appearance combined with very low gloss levels (below 5 gloss units [GU]), and a smooth, slightly grained finish – both ideal for smart and creative facades.

Its composition and design have been developed to take into account building facade requirements: formability, film adhesion, scratch resistance and cleanability. The visual aesthetics of Granite® Silky Mat* are so unique that we have protected the design through the Internal Market Harmonisation Office (OHMI).



- Elegant matt textured or smooth finishes suitable for all facade requirements
- Robustness and scratch resistance
- Excellent formability
- Extensive range featuring 2 finishes and 11 individual colours



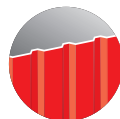
Applications

Granite® Silky Mat is suited to all types of forming used for facade systems and fully adapted to sandwich panel manufacture.

Here are the main roofing and cladding applications of Granite® Silky Mat:



Sandwich panels



Profiled sheets



Cassettes and flat panels



Solar shading



Fins, blades and narrow elements

Granite® Silky Mat has been developed for prestige architectural facades, but can be used for various other applications in building projects.

Performance

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

Granite® Silky Mat has been subjected to a battery of tests in the laboratory and at outdoor exposure sites to guarantee the best possible product performance.

The product benefits from the ArcelorMittal automatic guarantee of 15 years⁽³⁾, and longer specific guarantees can be granted for specific projects.

Designed for environmentally responsible building

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

Unique aesthetics and colours

Two different finishes are available:

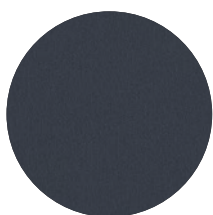
Smooth finish: slightly grained. Available in 5 colours.



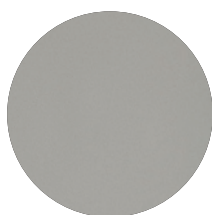
Rough finish: slightly sparkling. Includes 6 natural colours.



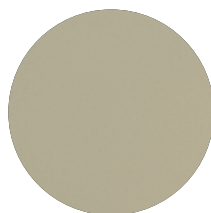
Graphite



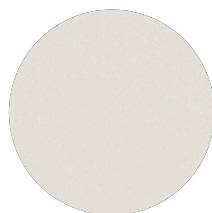
Slate



Concrete



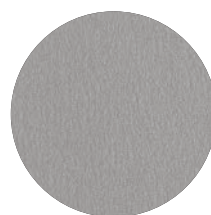
Sand



Chalk



Chocolate



Anthracite



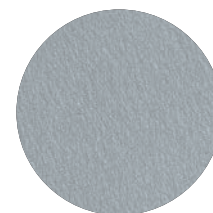
Terra



Brass



Mocha



Mouse

Order Granite® Silky Mat even in small quantities

A dedicated and flexible logistics and manufacturing offer has been introduced for Granite® Silky Mat allowing the production of small coils - a minimum of 5 tonnes per order (depending on the thickness) - to suit specific project 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

Main properties

Coating	35 to 40µm organic coating applied on a zinc-coated flat carbon steel substrate
Dimensions	0.5 to 1.8mm 600 to 1500mm
Gloss	Maximum 5 GU
Corrosion/UV resistance	RC3 / RUV4 (EN10169)
Flexibility	Resistance to cracking (T-bend) ≤ 2T
Scratch resistance	≥ 1.5kg (Clemen)
Film adhesion ⁽¹⁾	Good
SVHC ⁽²⁾	Exempt
Guarantee ⁽³⁾	15 years automatic (specific on request)
Small lot offer	Available
Production site	ArcelorMittal Montataire

*Community Design No. 002272401 in the name of ArcelorMittal Flat Carbon Europe, S.A

(1) Please contact us to select suitable films

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

(3) 15 years automatic guarantee against perforation (specific on request). Guarantees conditions are available on our website: industry.arcelormittal.com

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ArcelorMittal Europe – Flat Products

24-26, boulevard d'Avranches

L-1160 Luxembourg

flateurope.technical.assistance@arcelormittal.com

industry.arcelormittal.com