



ArcelorMittal

# GRANITE® FOREVER



Easy-clean surfaces  
for outdoor applications

Arceo

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## Arceo

As a world leader in steel manufacturing, **ArcelorMittal** strives to stay at the forefront in coating processes.

With **R&D** centres that employ 1,300 people and have an annual budget of \$190 million, the group is continuously developing new products and **supporting its customers** by researching and developing new steel-based systems.

**ARCEO**, a subsidiary company of **ArcelorMittal**, is located in Liège (Belgium) and has an industrial production line totally dedicated to PVD (Physical Vapour Deposition) technology. The principle of PVD consists of accelerating ions under a vacuum and colliding them with a coating material. This removes atoms away from the material and deposits them evenly across the surface of the sheet to be coated.

This technology enables many different types of new development that can be applied to every market in which the ArcelorMittal Group is active: (solar and lighting), automotive, **construction**, industry etc.



## Granite® Forever

Granite® Forever preserves the initial appeal of your pre-painted steel outdoor elements for a long time thanks to:

- improved resistance to pollution
- great ease of cleaning, even by rain

The anti-soiling and easy-clean properties of Granite® Forever save you time and money, since it does not require cleaning so frequently and simplifies maintenance.

You improve your environmental footprint by using less water and no detergent.

Granite® Forever is particularly suitable for external use, either for residential components such as garage doors and entrance doors, or for industrial doors and roller shutters. Modular building systems, electrical cabinets, freight trailers, containers and anti-noise walls are other applications where Granite Forever has a place.

Granite® Forever is available on various pre-painted steels.



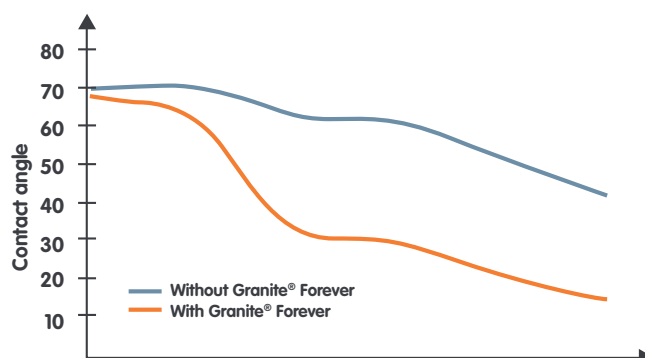
# Easy-clean surfaces for outdoor applications

## Product Overview

- Granite® Forever is based on a vacuum coating technology (Physical Vacuum Deposition)
- The pre-painted steel is coated with a transparent layer of titanium dioxide, which confers hydrophilic properties on the surface
- Thanks to the barrier effect of TiO<sub>2</sub> on the paint, Granite® Forever has improved resistance to fouling
- This barrier effect also provides additional protection against UV radiation and natural weathering
- Its improved wettability ensures the water is spread evenly over the surface, making for more efficient grime removal
- It is available in all the colours in the ArcelorMittal colour chart
- Granite® Forever offers the same performances and sustainability as ArcelorMittal's regular Granite® product range
- The material complies with the RoHS (Restriction of use of Hazardous Substances) directive

## Supply specifications

- Thickness: from 0.17 to 1.5 mm (0.007 to 0.06 in)
- Width: up to 1500 mm (59 in)
- Delivery form: coils, slit coils or sheets
- Temporary protection on request: strippable film



|   | Without Granite® Forever | With Granite® Forever |
|---|--------------------------|-----------------------|
| Resistance to pollution   |                          |                       |
| Aspect after rain   |                          |                       |
| Aspect after cleaning with waterspray                               |                          |                       |
| Aspect after high pressure cleaning on siding (soiled and cleaning) |                          |                       |

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