

AQUASHIELD



FORTE

Member of the TECNADIS PRS Family

**Reinforced water repellent based on nanoparticles of high performance for
facades made of porous and low porosity materials**

*Invisible protection of high performance for vertical and tilted surfaces of
porous materials especially designed for areas with high rainfall or
facades highly exposed to water*



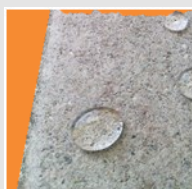
*Mainly designed for the treatment of facing bricks, mortars, concrete, prefabricated and any
type of porous substrates*



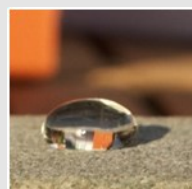
PREFABRICATED



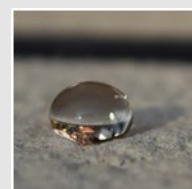
BRICK



CONCRETE



STONE



MORTAR

AQUASHIELD FORTE

Reinforced transparent hydrophobic solution, especially designed for the treatment of facing bricks, mortars, concrete, prefabricated and any type of porous substrates

CARACTERÍSTICAS

SUPERHYDROPHOBICITY: Prevents water absorption into the substrate, (contact angle > 150°). Reinforced for areas with high rainfall or facades highly exposed to water.

INERT AND IT DOES NOT FORM FILM: It does not react chemically, maintaining the substrate unaltered, allowing the complete breathability of the substrate.

COLOR: It does not change at all the color or appearance of the substrate.

HIGH DURABILITY: Guaranteed durability of more than 10 years against external environmental conditions.

OPTIMAL UV RESISTANCE: Not affected by solar radiation as it does not lose its properties or modify its appearance.

EASY APPLICATION METHOD: Quick, **totally re-applicable**, without the need to remove previous treatments. Applicable with conventional systems and no additional curing required. Ultra-fast drying.

PERFORMANCE ACCORDING TO MATERIALS POROSITY	PER COAT (ml/m ²)	TOTAL (ml/m ²)	TOTAL (m ² /litre)
Marble and low porous limestones, Terrazzo, polished concrete	62-75	125-150	6,7 - 8
Granite, bricks, non-polished concrete, roof tiles	100-125	200-250	4 - 5
Sandstones, coarse concrete, high porous limestones	150-200	300-400	2,5 - 3,3

¡REINFORCED SOLUTION AGAINST WATER!



HOW TO USE

BEFORE EACH USE:

- **Shake the container before use.**
- **The Surface must be clean and dry** , without presence of dust or solid particles of any kind on the surface .
- Avoid the presence of fissures and cracks in the substrate.
- It is recommended to apply over dry substrate, although it is not strictly necessary.

APPLICATION METHOD:

- The product is directly applied over the surface to be treated, using a brush, roller or spray (preferably AIRLESS). It is recommended adjustable and no pressure flow systems.
- The best effectiveness of the treatment is achieved when two coats of product are applied. It is possible to apply the second coat immediately after the first one. There is no maximum or minimum time interval between coats so it could be re-applied at any moment.
- it is **not necessary to saturate** the surface , it is only **necessary to observe the wetting of it** with **AQUASHIELD FORTE**. Try not to induce product drippings over the material since this would imply the use of a product excess.

Graphic description:

Application (2 coats):
aprox. 125-400 ml/m² in total
(depending on porosity)

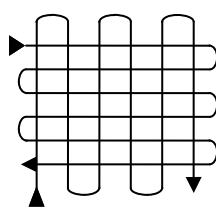


Figure 1

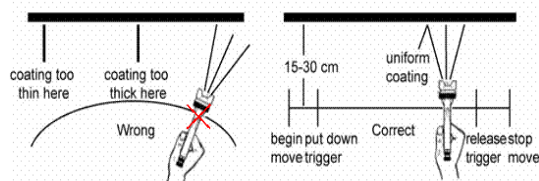


Figure 2

- **Figure 1:** Apply the product following the outline, being each path one of the applications (referring to the two coats).
For optimal results it is recommended dividing the surface to treat in different sectors (The treated surface is visible for a short time, as it is completely invisible when dried).
- **Figure2:** Apply the product always at the same distance from the surface.
- **Pay special attention to proper covering** of any structure of the facade where rain water can be leaked (It is convenient to protect the full surrounding).
- Maintain the area of application well-ventilated but without airstream .
- Complete drying time: 24 hours.
- Operating temperature: between 5°C and 30°C.



ROLLER AND BRUSH



BACKPACK



AIRLESS

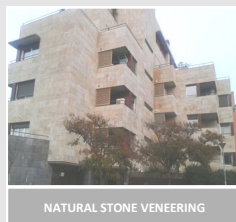


AIRLESS HVLP

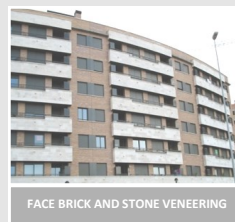
Some examples of application of AQUASHIELD FORTE



NATURAL STONE VENEERING



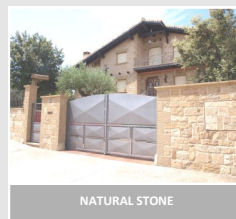
NATURAL STONE VENEERING



FACE BRICK AND STONE VENEERING



FACE BRICK



NATURAL STONE



MORTAR

TECNADIS SOLUTIONS — READY TO USE NANOPRODUCTOS

Why resign oneself with lower quality products?

Choose the product with better performance at the most competitive price

FORMATS 1,5 AND 25L

AQUASHIELD FORTE

REINFORCED water repellent of very **HIGH PERFORMANCE** for facades made of porous materials.



OTHER READY TO USE NANOPRODUCTOS

AQUASHIELD Ultimate

Water repellent for facades of porous materials.



TECNADIS PRS PERFORMANCE

Hydrophobic and oleophobic product for pavements and facades of porous materials.



TECNADIS PRS PERFORMANCE EC

Tone enhancer hydrophobic and oleophobic product for pavements and facades of porous materials



TECNADIS GRAFPROTECT

Protection of porous materials against graffiti and paint stains in general.



TECNOLOGÍA NAVARRA DE NANOPRODUCTOS S.L.

Área Industrial Perguita, Calle A N°1
31210 Los Arcos (Navarra) - Spain
Tel.: +34 948 640 318 - Fax: +34 948 640 319
tecnan@tecnan-nanomat.es
www.tecnan-nanomat.es

