

## Description of the application method of TECNADIS PRS PERFORMANCE:

### BEFORE APPLICATION

Preparation of the surface to be treated.

- The surface must be completely clean before application. Pay special attention to no dust or solid particles of any kind are on the surface. For this preparation you can use auxiliary systems for blowing the surface with compressed air, brushing or washers if necessary. This previous cleaning process is more important on horizontal surfaces applications.
- Avoid the presence of fissures and cracks in the substrate. It is recommended, as far as possible, to repair them before treatment.
- It is recommended to apply over dry substrate, although it is not strictly necessary. The product can be applied over the surface slightly wet (not totally wet).
- It is recommended to check previously that the tools are perfect for their use.

### SHAKE THE CONTAINER BEFORE USE.

### APPLICATION METHOD:

The product is directly applied over the surface to be treated, using a brush, roller or spray (preferably AIRLESS). This last system is the most efficient and economic method due to the optimal and fast distribution of the product over big surfaces. It is recommended adjustable and no pressure flow systems. The flow depends on the porosity of the material, as a rule you have to apply more amount of product when the porosity of the surface is higher.

It has been observed that the best effectiveness of the treatment is achieved when two coats of product are applied, the first one of "saturation" and the second one of "checking".

Try not to induce product drippings or accumulations over the material since this would imply irregularities in the tone of the surface due to a product excess.

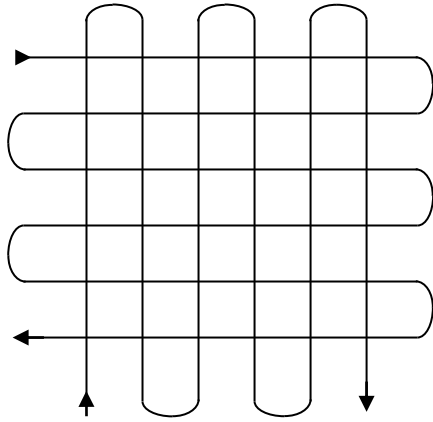
For optimal results it is recommended dividing the surface to treat in different sectors.

It should be mentioned that the applicator must check previously the correct application of the product in a specific small area and using the selected tool in order to verify the absorption of the substrate and the correct operation of the application system.

Apply the product following the outline as in the **Figure 1**. Follow one of the lines for the first coat and the other one for the second coat. Completing both cycles, it would be achieved the complete treatment. It is important to follow the instructions of **Figure 2** and **Figure 3**: Apply the product always at the same distance from the facade, pavement or surface. The velocity of the operator arm movement must be set from the beginning, so that the liquid drenches the surface without forming accumulations.

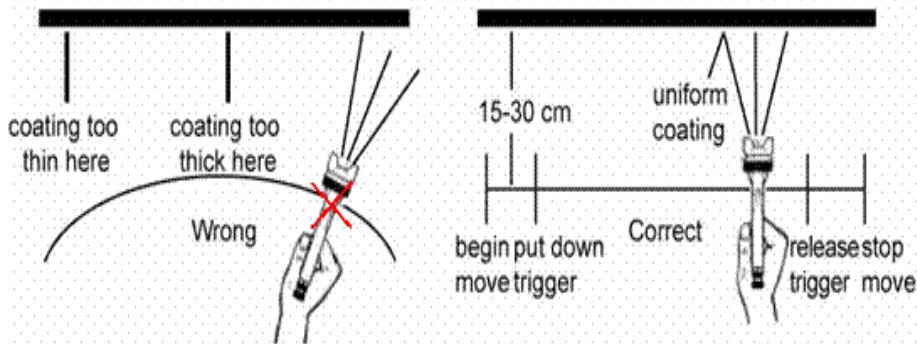
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| <b>DESCRIPTION</b> | APPLICATION METHOD - TECNADIS PRS PERFORMANCE |  |
|--------------------|---|--|

Graphic description:



**Figure 1**

**Figure 2**



**Figure 3**

The application of the two layers can be immediately one after the other if the application only looks for the hydrophobicity of TECNADIS PRS PERFORMANCE.

In the case of applications on facades, plinths, horizontal substrates or any application which implies better stain-resistant properties of TECNADIS PRS PERFORMANCE, it is recommended to make two applications letting time between them to dry the first layer. This recommendation can also be used in the applications of PERFORMANCE as a model semi-permanent antigraffiti solution.

For low or very low porosity materials (as tiles, countertops, hydraulic terrazzo or indoor elements), it must be applied with roller, brush, cloth or sponge; and then check the surface with the application tool to achieve homogeneity without accumulated excesses. This process favours a correct distribution of the product and a well penetration in the substrate. After a short time (no more than 5 minutes) remove the exceed product with a dry cloth or absorbent material. Repeat this step twice if the surface will be exposed to high risk of stains dropping (for hostelry, public business, pass zones, shower tries, etc).

If it appears some burbles on the surfaces, remove them with the same application equipment.

Pay special attention to proper covering of highlighted areas, structures, horizontal panels, drip ledges, cornices, sills, baseboards or any structure of the facade, terrace or pavement where rain water can be leaked. It must be protected not only the vertical and horizontal planes but also the full surrounding.

Keep the area of application well-ventilated but without airstream and thus, avoiding gas concentration due to the evaporation of the organic vehicle of the product (solvent).

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As protection measures are recommended the same than for any paint: work clothes, gloves and simple gas facemask (For further information consult the Material Safety Data Sheet).

- Dilution: none
- Amount per application (2 coats): aprox.80-200 ml/m<sup>2</sup> in total (depending on the substrate porosity)
- Complete drying time: 48 hours
- Operating temperature: between 5 and 30 °C
- Storage temperature: between 5 and 30 °C; protect from direct sunlight; store in original container

Estimated performances:

| MATERIALS   | APPROXIMATE YIELD                |   |  |
|---|----------------------------------|---|--|
|   | PER COAT<br>(ml/m <sup>2</sup> ) | TOTAL - 2 coats<br>(ml/m <sup>2</sup> ) | TOTAL - 2 coats<br>(m <sup>2</sup> /L) |
| Polished marble, terrazzo.  | 40                               | 80                                      | 12.5                                   |
| Low porous limestone, polished concrete                               | 50                               | 100                                     | 10                                     |
| Face brick, tiles   | 62,5                             | 125                                     | 8                                      |
| Granites, sandstone, limestone, unpolished concrete, monolayer mortar | 75                               | 150                                     | 6-7                                    |
| Sandstone and limestone of high porosity, coarse concrete             | 100                              | 200                                     | 5                                      |

Equipment: Examples of equipment.

Basic hand sprayer “RUCKSUCK TYPE” in which the most useful part is the longest throw, which allows a comfortable floor application without the operator having to work bent over the gun. The mobility is much greater than with the hand sprayer gun.



Example of basic AIRLESS: Standard electrical equipment to work mainly in facades.



Example of AIRLESS HVLP with probe for coupling a tank: Equipment of high performance which allows to work continuously in large areas and height.

It is important to keep the equipment in good conditions, avoiding saturated or clogged nozzles (always clean after an application). Ask to TECNAN for further information and videos with examples of real applications.