


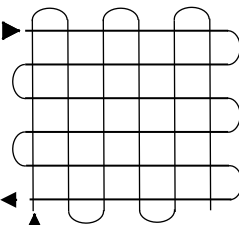
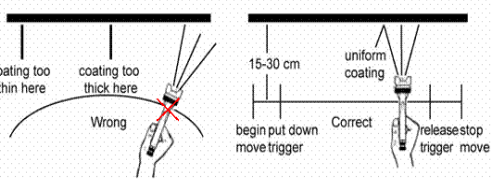
TECNADIS PRS PERFOPORE

Water-based hydrophobic and oleophobic product for porous facades and paving

Product Description	<p>Hydrophobic and oleophobic product based on nanoparticles of very high-performance dispersed in water for paving and facades of any type of porous material.</p> <p>Mainly designed for the protection against water, oil and stains in general as well as everyday dirt (coffee, soft drinks, etc.), facilitating their cleaning/removal by simple washing with water and usual cleaning processes. It also provides protection against graffiti (facilitates its removal).</p> <p>Transparent, colourless, highly durable product, resistant to continuous mechanical action/abrasion.</p>
Uses	<p>The active compound that produces the water-repellency are ceramic nanoparticles dispersed in water, therefore TECNADIS PRS PERFOPORE is compatible with any porous and low porous building material.</p> <p>Designed to be applied as repellent to water, oil and other stains by means of surface treatment on all types of porous surfaces, with special application on concrete, natural stones (marble, slate, granite, limestone, sandstone), wood, facing brick, mortars, monolayers, prefabricated, clay/terrazzo, wood, as well as mixed surfaces in which different materials and porosities are mixed.</p> <p>Used as a protector on facades, roofs, terraces, flooring, paving, both in rehabilitation and new construction.</p> <p>In addition to being used as a protector against water and stains (reduces their absorption), it is also used as a sacrificial anti-graffiti (makes it easier to clean graffiti) and as anti-urine due to its great repellent effect that reduces the accumulation of dirt and bad smells.</p> <p>Due to its water-based composition, TECNADIS PRS PERFOPORE is also suitable for indoor applications.</p> <div data-bbox="464 1288 1401 1480">  </div>
Features and advantages	<ul style="list-style-type: none"> ▪ It reduces the absorption of water and stains on the treated substrate. It also facilitates the cleaning of graffiti. It delays the appearance of any external agent produced by humidity (algae, moss, mould, etc.). ▪ It does not form film, does not cross-link, allowing the complete breathability of the substrate. ▪ As a hydrophobic protector, it provides anti-carbonation properties in concrete and mortar treatments. ▪ Product of high resistance to continuous mechanical action/abrasion (footsteps, rolls...) and of high durability. Guaranteed durability of more than 10 years against all types of external environmental conditions on facades. ▪ Total UV resistance. ▪ It does not modify the appearance, colour or structure of the treated substrate (in some cases, it may cause a slight change in the tonality of the material, almost imperceptible - it is recommended to carry out a preliminary test before application if the slight change in tonality could be a limitation). ▪ Unlike most conventional products, it allows for complete re-application without the need to remove previous product remains.

TECNADIS PRS PERFOPORE

Water-based hydrophobic and oleophobic product for porous facades and paving

	<ul style="list-style-type: none"> The active compounds do not react with the treated surface, keeping the substrate unaltered. Thanks to its high water repellency (large rebound of water from the surface) it keeps surfaces free of dust and dirt for longer. Water-based product, non-flammable formula. Free from smells and annoying fumes.
Product information. Composition and physicochemical properties.	<ul style="list-style-type: none"> Colour: Milky white liquid. Packaging: 1L, 5L and 25L (larger volumes on request). Storage: 12 months from the date of manufacture in the original sealed containers at temperatures between 5°C and 30°C. Volatile Organic Content (VOC) <30% wt Density: 0.996 g/mL Viscosity: 14cP Boiling point: 100°C Solvent: water 
Surface preparation	<p>Before application, clean the surface and remove all traces of detergents and cleaners. The surface must be completely clean. Avoid the presence of fissures or cracks in the substrate. It is recommended, if possible, to repair them beforehand. Pay special attention also to materials with high porosity that may have transport pores or open pores of a considerable size as this may influence the final amount of product to be applied. For this purpose, it is recommended to carry out a preliminary test as described in the section "Yields and storage". In case of presence of microorganisms (moulds, algae, etc.) it is recommended to remove them thoroughly before the application of the product.</p>
Application information	<p>SHAKE THE CONTAINER BEFORE ITS USE.</p> <ul style="list-style-type: none"> <u>In the case of highly porous materials</u> (often facades, rain gutters, aprons or other external elements), apply the product preferably by spraying (<i>airless</i>, turbines, backpacks or hand-held sprayers), roller or brush. Two applications are recommended, applying the second one over the first one still wet. <u>In the case of low and very low porosity materials</u> (often tiles, countertops, hydraulic terrazzo and indoor elements), apply it with brush, roller or sponge; the surface should be continuously smoothed with the application element until it is homogenized without observing any accumulated excess of product. This process favours a correct distribution and penetration in the substrate. Finally, go over with a cloth or microfibre if it is considered that there are excesses, for a better distribution of the product. <p>Graphic description:</p> <div> <div> <p><u>Application (2 coats):</u></p>  <p>Figure 1</p> </div> <div>  <p>Figure 2</p> </div> </div>

TECNADIS PRS PERFOPORE

Water-based hydrophobic and oleophobic product for porous facades and paving

	<ul style="list-style-type: none"> Working tools: After use, clean with a compatible solvent. 														
Yields and storage	<ul style="list-style-type: none"> Dilution: none Yield: Always apply the required amount of product, which will depend on the quality and porosity of the material. It is recommended to carry out a preliminary test before application in order to determine the proper yield in each case. The following is a reference table with generic yields, although there can always be exceptions, so it is advisable to test beforehand to ensure the necessary quantity: <table border="1"> <thead> <tr> <th colspan="2">TOTAL YIELDS (for guidance only)</th> </tr> <tr> <th>MATERIAL</th><th>m²/l</th> </tr> </thead> <tbody> <tr> <td>Polished marble, terrazzos</td><td>12,5</td> </tr> <tr> <td>Low porous limestone, polished concrete</td><td>10</td> </tr> <tr> <td>Facing bricks, tiles</td><td>8</td> </tr> <tr> <td>Granite, limestone, sandstone, non-polished concrete, monolayer mortar</td><td>5-7</td> </tr> <tr> <td>Very porous sandstone and limestone, rough concrete</td><td>4</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Drying time: the optimum effect will be reached after a complete drying time of 48-72 hours. Operating and storage temperature: between 5°C and 30°C. 	TOTAL YIELDS (for guidance only)		MATERIAL	m ² /l	Polished marble, terrazzos	12,5	Low porous limestone, polished concrete	10	Facing bricks, tiles	8	Granite, limestone, sandstone, non-polished concrete, monolayer mortar	5-7	Very porous sandstone and limestone, rough concrete	4
TOTAL YIELDS (for guidance only)															
MATERIAL	m ² /l														
Polished marble, terrazzos	12,5														
Low porous limestone, polished concrete	10														
Facing bricks, tiles	8														
Granite, limestone, sandstone, non-polished concrete, monolayer mortar	5-7														
Very porous sandstone and limestone, rough concrete	4														
Observations	<ul style="list-style-type: none"> The high water repellent effect it exhibits from its first moments (superhydrophobicity - contact angle of water droplets with the surface >150°) decreases on surfaces subjected to continuous friction, especially in humid conditions, although the water protection is still maintained. It is recommended to apply the product at temperatures between 5°C and 30°C. Carry out an initial test on painted surfaces to check compatibility. In case of future applications of water-based paints, reconstructions with different mortars or other products on the treated surface may be limited by the existing hydrophobic effect. This product is not suitable for medical or pharmaceutical use. 														
Handling precautions	<p>Product information necessary for safe use is not included in this document. Before handling the product, read the material safety data sheets and package labels for safe use and for information on physical and health hazards. Material safety data sheets are available and supplied by TECNAN. The application of the product must be carried out in a well-ventilated place.</p>														
Limited warranty information	<p>Please read it carefully:</p> <p>The information and recommendations in this document are given in good faith on the basis of TECNAN's experience and knowledge when stored, handled and applied correctly and under normal conditions within its useful life. However, because the conditions, types of materials to be treated and methods of use of our products are beyond our control, this information must be used correctly, verifying in preliminary tests that the product, the performance to be applied, the aesthetic finish and its purpose are suitable, even if other recommendations or advice have been received. TECNAN reserves the right to modify the properties of the product. TECNAN's only guarantee is that the product will comply with the sales specifications in force at the time of dispatch. Confirmation of payment and/or order implies acceptance of the product properties by the customer.</p>														

TECNADIS PRS PERFOPORE

Water-based hydrophobic and oleophobic product
for porous facades and paving

TECNAN only guarantees the replacement of the product in the event of a manufacturing defect, and declines any other type of responsibility for the product, its application, as well as any additional damage it may cause. TECNAN specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. TECNAN declines responsibility for any damage caused accidentally or in case of incorrect use. Users must be familiar with the latest updated version of the Technical Data Sheet and for that TECNAN will provide a copy on request.