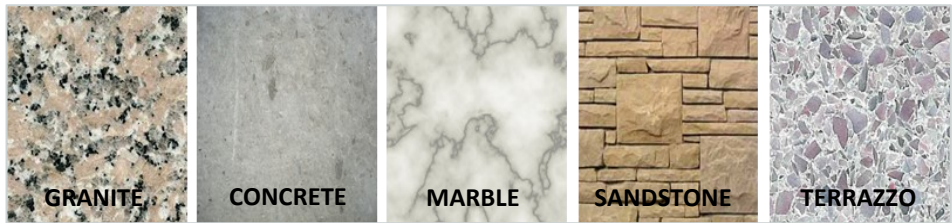


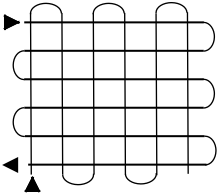
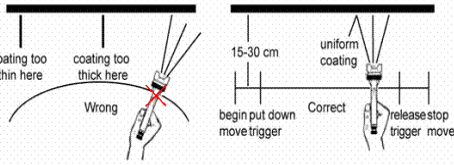
TECNADIS PRS PERFORMANCE ESPECIAL COLOR (TONE INTENSIFIER)

Hydrophobic and oleophobic product for porous facades and paving

Product description	Hydrophobic and oleophobic product based on nanoparticles of very high-performance for paving and facades of any type of porous materials. It intensifies the tone of the substrate and revives the original colour of the treated materials. Transparent, breathable and high-performance protector, mainly designed for the protection against water, oil and stains in general, facilitating their cleaning, as well as everyday dirt (coffee, soft drinks, etc). It also provides protection against graffiti (it facilitates its cleaning) and protection against urine, avoiding dirt and bad smells produced by it.
Uses	The active compound that produces the water repellency are ceramic nanoparticles dispersed in an organic media (acetone), therefore TECNADIS PRS PERFORMANCE ESPECIAL COLOR is compatible with any porous or low porous substrate that may be exposed to the action of liquids, or solids that upon contact with liquids dissolve, penetrating into the materials and causing stains. Suitable for the treatment of terrazzo surfaces, natural stone (marble, granite, limestone, sandstone), concrete, ceramics (brick, tile), and in general any building or paving substrate, both in outdoor and indoor applications where protection against water and stains is required, as well as intensifying its tone. Specially designed for interior or exterior decorative elements (skirting boards, paving, window sills, rustic countertops, stone shower trays, etc.).  GRANITE CONCRETE MARBLE SANDSTONE TERRAZZO
Features and advantages	- 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 colour or structure of the treated substrate. It only intensifies or enhances the tone of the material (does not shine). - Unlike most conventional products, it allows for complete re-application without the need to remove previous product remains. - The active compounds do not react with the treated surface, keeping the substrate unaltered.

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	Thanks to its high water repellency (large rebound of water from the surface) it keeps surfaces free of dust and dirt for longer.
Product information. Composition and physicochemical properties.	Colour: translucent liquid. Packaging: 1L, 5L and 25L. Storage: 6 months from the date of manufacture in the original sealed containers at temperatures between 5°C and 30°C. Volatile Organic Content (VOC) > 80% wt Density: 0,79 g/ml Viscosity: 5 cP Boiling point: 82,5°C Flash point: 11,85°C Solvent: Acetone 
Surface preparation	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.
Application information	SHAKE THE CONTAINER BEFORE USE. <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. The second application can be made on the substrate still wet of the previous application, waiting for a while or after the substrate is completely dry. <u>In the case of materials of low and very low porosity</u>, (often tiles, countertops, hydraulic terrazzo, and interior 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. Graphic description: Application (2 coats):  Figure 1  Figure 2 Working tools: After use, clean with a compatible solvent.

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Yields and storage	▪ 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" data-bbox="480 667 1406 898"> <thead> <tr> <th colspan="2">TOTAL YIELDS (for guidance only)</th></tr> <tr> <th>MATERIAL</th><th>TOTAL (m²/l)</th></tr> </thead> <tbody> <tr> <td>Micro cements, hydraulic terrazzo, semi-polished natural stone</td><td>12,5 - 15</td></tr> <tr> <td>Low porous marbles and limestones, Terrazzo, Trowelled concrete.</td><td>8 – 12,5</td></tr> <tr> <td>Sandstone, rough concrete, very porous limestone, brick, mortar.</td><td>5 - 8</td></tr> </tbody> </table> ▪ Complete drying time: 24 hours (against water) and 48 hours (against stains). ▪ Operating temperature: between 5°C and 30°C. ▪ Storage temperature: between 5°C and 30°C; protect from direct sunlight; store in original container tightly closed.	TOTAL YIELDS (for guidance only)		MATERIAL	TOTAL (m ² /l)	Micro cements, hydraulic terrazzo, semi-polished natural stone	12,5 - 15	Low porous marbles and limestones, Terrazzo, Trowelled concrete.	8 – 12,5	Sandstone, rough concrete, very porous limestone, brick, mortar.	5 - 8
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Observations	▪ 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 at temperatures between 5°C and 30°C. ▪ Carry out an initial test on painted surfaces to avoid the appearance of discoloration caused by the solvent contained in the product (acetone). ▪ 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	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. It contains a volatile solvent (acetone).										
Limited warranty information	Please read it carefully: 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. TECNAN only guarantees the replacement of the										

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