

DATA SHEET

#### VETROSMART

# Hydrophobic surface treatment for glass that protects and minimises dirt and limescale deposits

Product description	Hydrophobic solution for glass, which makes it highly repellent to water and other liquids, facilitating the cleaning of dirt and minimising the limescale deposits.
Uses	Particularly suitable for the treatment of any outdoor and indoor glass surface: shower screens, windows, mirrors, etc.
Features and advantages	<ul> <li>It forms an invisible protective film that repels liquids, facilitating their removal and evacuation from the treated glass.</li> <li>It is a surface treatment for glass that protects and minimises dirt and limescale incrustations, preventing them from accumulating on the glass, and facilitating their removal by the dragging action of water.</li> <li>Easy cleaning: It reduces cleaning times substantially.</li> <li>It keeps glass surfaces cleaner for longer, maintaining the original appearance.</li> <li>Easy-to-apply product that presents excellent features and a high performance.</li> <li>Ultra-fast drying after treatment, avoiding cumbersome spots on subsequent handling.</li> <li>After application, the coating results totally transparent and does not alter the aesthetic conditions of the glass at all.</li> <li>High chemical and abrasion resistance. It resists to common cleaning products.</li> <li>High durability: Certified durability of 10 years for professional application on new glass.</li> </ul>
Product information. Composition and physicochemical properties.	<ul> <li>Colour: Colourless, translucent liquid.</li> <li>Packaging: 1L, 5L and 25L (larger volumes on request)</li> <li>Storage: 12 months from the date of manufacture in the original sealed containers at temperatures between 5°C and 30°C.</li> <li>Active ingredients: &lt;5% wt</li> <li>Boiling point: 78°C</li> <li>Density: 0,79 g/ml</li> <li>Solvent: Ethanol</li> <li>It does not contain PFOAs (compliance with Regulation (EU) 2017/1000)</li> </ul>
Surface preparation	Before application, thoroughly clean the surface and remove all traces of detergents and cleaners. The surface must be completely clean and dry.

TECNOLOGIA NAVARRA DE NANOPRODUCTOS S.L. (TECNAN) • Área industrial Perguita, 1 • 31210 Los Arcos (Navarra-SPAIN) Tel: +34 948640318 • <u>www.tecnan-nanomat.es</u> • <u>tecnan@tecnan-nanomat.es</u>



**DATA SHEET** 

Version: nº3 Edition: 23/02/2022

#### VETROSMART

# Hydrophobic surface treatment for glass that protects and minimises dirt and limescale deposits

Application information	<ul> <li>SHAKE THE CONTAINER BEFORE USE.</li> <li>The glass to be treated must be completely clean and dry. Remove any limescale, dirt or detergents remains from the glass.</li> <li>Apply the product by means of any of the following options:</li> <li>a) Manual spray. Apply the product on the surface and spread it with paper, microfibre or similar cloth to distribute the product evenly throughout the area, ensuring that the entire surface is treated. Avoid using cloths that leave fabric traces during use. Then polish the surface with a dry cloth until any visible product remains has been removed, ensuring that the glass is completely transparent. Carry out the application in working areas with an appropriate size to avoid overdrying of the product, which makes difficult to remove any excess of product.</li> <li>b) Spray gun. Easy to apply with any spray gun without the need for special safety measures. Apply the product on the surface homogeneously either in one coat of larger quantity or in two thinner coats.</li> </ul>
Yields and storage	<ul> <li>Dilution: none</li> <li>Average yield (for guidance only): 50-60 m²/l. Always apply the required amount of product, which will depend on the characteristics of the glass. It is recommended to carry out a preliminary test before application in order to determine the proper yield in each case.</li> <li>Full drying time: The glass will show a hydrophobic effect immediately after application, achieving an optimal effect after 24 hours.</li> <li>Operating temperature: between 5°C and 30°C.</li> <li>Storage temperature: between 5°C and 30°C; protect from direct sunlight; store tightly closed in original container.</li> </ul>
Observations	<ul> <li>It is recommended to apply the product at temperatures between 5°C and 30°C.</li> <li>This product is not suitable for medical or pharmaceutical use.</li> </ul>
Handling precautions	The product safety information necessary for its safe use is not included in this document. Before using this product, read the material safety data sheets and the container labels for safe use and for information on physical and health hazards. The material safety data sheets are available and are supplied by TECNAN S.L. The application of the product must be carried out in a well-ventilated place. It contains volatile solvent (ethanol).
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 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

TECNOLOGIA NAVARRA DE NANOPRODUCTOS S.L. (TECNAN) • Área industrial Perguita, 1 • 31210 Los Arcos (Navarra-SPAIN) Tel: +34 948640318 • <u>www.tecnan-nanomat.es</u> • <u>tecnan@tecnan-nanomat.es</u>



**DATA SHEET** 

Version: nº3 Edition: 23/02/2022

### VETROSMART

## Hydrophobic surface treatment for glass that protects and minimises dirt and limescale deposits

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.