

VETROSMART

APPLICATION METHOD - SPRAY

DESCRIPTION OF THE PRODUCT

Hydrophobic protective coating with high repellency to liquids and other substances for shower screens and glass surfaces.

HOW TO USE

STEP 1. CLEANING

THE SURFACE MUST BE **CLEAN AND COMPLETELY DRY** BEFORE APPLYING. To do so, it is recommended to use suitable cleaning products. Afterwards, all traces of detergents and cleaners should be completely removed.

It is important to carry out a good cleaning so that the product reaches the surface completely ensuring a good adhesion/fixation to the surface.

STEP 2. APLICATION

THE PRODUCT CAN BE APPLIED DIRECTLY ONTO THE SURFACE WITH A SPRAY helping yourself with a microfiber cloth or paper to distribute the product evenly throughout the area. IT CAN ALSO BE APPLIED DIRECTLY TO THE CLOTH.

Approximate yield: 17-20 ml/m² (50-60m²/L)

STEP 3. FINISHING

IMMEDIATELY AFTER APPLYING PRODUCT, POLISH THE EXCESS OF PRODUCT WITH A DRY CLOTH. The product has to be perfectly distributed and fully transparent.

TREATED SURFACE DRYING AND EFFECT

Ultra fast drying product. If desired, it is possible to handle the treated glass in a short period of time.

The product effect is basically immediate (it can be used normally after 15 minutes) reaching its optimum properties after 24 hours, so it is recommended not to expose the surface to abrasion or intensive cleaning before this period of time.

RECOMMENDATIONS FOR THE APPLICATION

The product is solvent based: it is recommended to keep it in its original container without open it until the moment of applying. Once opened, make sure to remain it in its original container properly closed in order to guarantee its properties.

PRECAUTIONS OF HANDLING

The security information of the product needed for its use without risks is not included in this document. Before manipulating the product, read carefully the Material Safety Data Sheets and the labels for a safe use and to be aware of physical and health risks. The MSDS are available and are provided by TECNAN S.L. Application of the product should be carried out in a properly ventilated place. It contains volatile solvent (ethanol).

VETROSMART

APPLICATION INSTRUCTIONS WITH SPRAY GUN

Of very easy application with any type of pressure spray gun, without the necessity of special safety measures. The product is totally harmless and transparent, ultra-fast drying.

PRODUCT DESCRIPTION

HYDROPHOBIC SOLUTION FOR GLASS SURFACES



The product is solvent-based: it is recommended to keep it in its original unopened container until the time of application. Once opened, be sure to keep it in its original container properly closed to ensure its properties.

HOW TO USE

PASO 1. SURFACE CLEANING

The surface must be **completely clean and dry** before product application. For that, conventional cleaners can be perfectly used. Completely remove all traces of detergents and cleaners.

It is important to carry out a good cleaning so that the product reaches the surface completely and a good adhesion/fixation to the surface is assured.

Note: Cleaning can also be carried out by automatic washing.

PASO 2. APLICACION

1) RECOMMENDED TOOLS

Use a conventional air pressure gun so that a good distribution of the product over the surface is achieved.

Example of air gun parameters to be used:

AIR GUN: REFERENCE MODEL		
NOZZLE	Hole size	0,85 mm
HEAD	Head shape	Elliptical or equivalent
TYPE	Trans-Tech, with feeding filter: 200 microns	

Line reference pressure ≥ 5 bar

Working reference pressure: 3 – 4 bar (reading of the pressure gauge connected to the gun)

Note: It is important a clean and damp-free air supply. Place a desiccant filter to avoid water condensates.

2) GUN CALIBRATION

For calibration, set to a uniform spray pattern using the three control points on the gun.

1- **AIR FLOW:** This regulator allows to control the amount of air introduced into the gun. As long as it allows us (maintaining a uniform pattern) work at maximum pressure for this type of gun. To do this, with the regulator in the closed position, turn it up to the limit so that it is at its maximum opening.

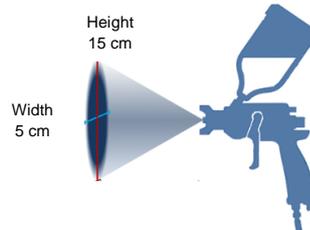
2- **AMOUNT OF PRODUCT:** This regulator controls the amount of liquid coming out through the gun head. Work with the minimum possible quantity to ensure maximum efficiency in product performance.

Approximate yield: 17 – 20 ml/m² (50 – 60 m²/L)

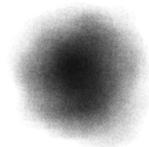
3- **SPRAY FAN:** This regulator allows you to adjust the breadth of the spray fan (height and width of the spray pattern).

Standard spray pattern of reference: Height 15 cm

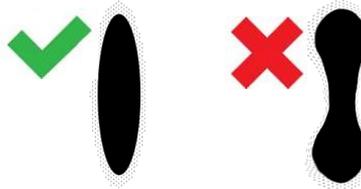
Width 5 cm



When the regulator is fully closed, the spray pattern is round in shape.



Adjust the fan to the desired spray pattern always maintaining a homogeneous product distribution:



3) SPRAYING

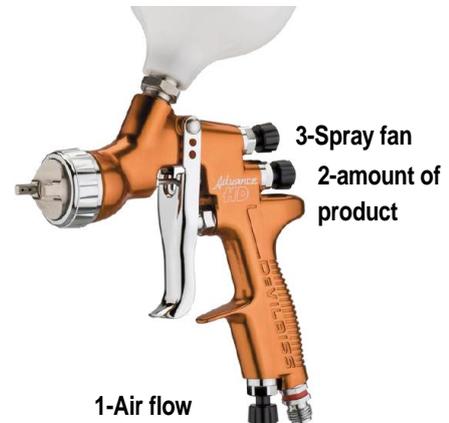
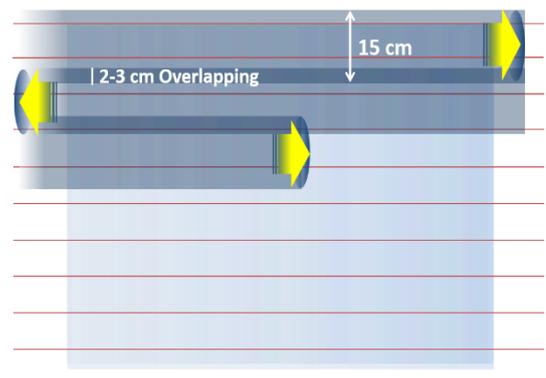
Spray the product evenly through the glass surface, avoiding possible excesses and product's sags.

As **standard application** it is recommended to apply only one covering or layer of product.

Cover the entire surface so that the spray beam of each pass overlaps 15-20% of the previous pass.

It is recommended to start spraying outside the surface to be treated, in order to avoid accumulation of the product in the starting area.

For a proper application, follow the instructions with the help of the diagram on the right.



Keep on covering the entire surface in homogeneous longitudinal strokes in order to obtain a uniform coating and not have zones without applying.

Keep the gun 10 - 15 cm away from glass (if placed too close, product may bounce back).

It is important to always maintain the same distance between the gun and the glass.



Comments:

The product evaporates quickly and dries forming very fine points. In case of any slight excess of product, it can be removed by simply rubbing the surface with a microfiber cloth to ensure full transparency of the glass.

TREATED SURFACE DRYING AND EFFECT

Ultra-fast drying product. If desired, it is possible to handle the treated glass in a short period of time.

The product effect is immediate reaching its optimum properties after 24 hours so it is recommended not to expose the surface to abrasion or intensive cleaning before this period of time.

RECOMMENDATIONS FOR THE APPLICATION

It is recommended to use appropriate PPE for handling this type of product (see product's MSDS). It is recommended, in case of indoor application, to keep well ventilated the place during application of the coating. Minimize as much as possible the presence of contaminants in air currents during application and during subsequent minutes, until treatment is dry.

CLEANING OF THE TOOLS USED

Cleaning the tools used for product application (including the air gun) is recommended to be carried out **before the product gets dry**, using to that purpose alcohol-based solvents (like ethanol). In case the product is already dry, use stronger solvents for cleaning, like universal solvent or acetone (with the proper cautions).

INSTRUCTIONS FOR HANDLING

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