



PROTECT GLASS NANO-COATING

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DESCRIPTION

It is a special nanotechnology product with a long-term hydrophobic effect on glass surfaces. The hydrophobic product works by repelling water and prevents adhesion of foreign matter on the surface. (Easy to Clean effect). An ultra-thin and invisible coating forms on the glass surface. As a result, dirt particles cannot penetrate the matrix of the surface. Water runs off easily from the treated surface and dirt and dust are washed off by rain or when rinsed with water. Alternatively, a hose can be used to clean the glass when there is little or no rainfall. Unlike traditional glass coatings that cover the surface structure of the glass, creating a thin layer of non-stick chemicals, the glass treatment follows the contours of the glass surface right down to the nanometer level. It protects the glass stubborn stains from calcium and salt. The coating is long-lasting. It is UV and change temperature steady. It cannot be removed by water, window cleaning tools, normal window cleaner, brushes or with high pressure equipment. Surfaces treated with Protect Glass are very simple to maintain.



RECCOMENDED SURFACES

- All glass forms
- Shower screens/Kitchen glass
- Glass facades/Sky lights
- Mirrors

PRODUCT FEATURES

- Prevents calcium/salt deposits on glass
- Prevents dirt and grime adhesion
- Long-lasting
- UV resistant/Temperature steady
- Self-Cleaning Effect

RESISTANT TO

- Water
- Humidity/Oil
- Mineral stains
- Bacteria & other microbes
- Mold & algae
- Acid and alkaline
- Abrasion
- Hydrolysis
- Extreme temperatures

TECHNICAL SPECIFICATIONS

SUPPLY FORM:	liquid
COLOUR:	clear
DENSITY:	approx.0,8
SOLVENTS:	Alcohol; denatured
FLASH POINT:	21°C
STORAGE:	between 4 and 20°C
APPLICATION:	between 4 and 35°C

SURFACE PREPARATION

Surfaces must be dry and free from dirt, grit, dust, grease etc. including from finger and handprints. A proper surface preparation guarantees the full performance of the product. Aquashield Cleaner-Surface Preparation recommended before application. DO NOT touch the surface with empty hands after preparation.

DIRECTIONS FOR USE

It is most important that there is no water on the surface or on window frames and shower frames prior the coating application. Wipe these areas dry first. Ensure the surface is free of any previous residue of the cleaner. DO NOT use the same cloth as used for cleaning, for the coating application. Use a dry soft and clean cotton towel, micro fiber cloth or a lint free strong paper towel. The application takes place in a processing step, whereby the coating is applied by a spray and wipe method. Apply a small amount and polish in the wet treatment with a circular overlapping polishing motion, treating section by section. Spray the next area and repeat the process. Ensure the whole surface gets treated. Alternatively, the treatment can be sprayed onto the towel or a cloth and polished into the glass in the same manner. Treat only small sections at a time and ensure the whole surface is treated evenly. Check the treated area for any streaks, residue or product splashes and wipe them off. The glass should be crystal clear when finished. Only a very small amount of treatment is required. Visible residue during the application is a sign of too much product has been used. In that case, moist a cloth with the product and remove excess material until the glass is clear.

CURING TIME

Aquashield PROTECT Glass is water-resistant 15 – 30 minutes after application, reaching its optimal repellent effect within 12- 24 hours. The curing is a self-assembling process and not a drying process.

CONSUMPTION / COVERAGE

Consumption is between 2.5 ml and 5 ml/m². Depending on the condition of the substrate up to 400 Square meters per liter (1800- 3600 square foot) can be coated. Consumption rates are guidelines only.

TOOLS CLEAN UP

Clean tools with water.

STORAGE / SHELF LIFE

Keep in a cool dry place. 2 years for an unopened original container. Opened product should be used as soon as possible.

PRECAUTIONS

READ ALL SAFETY DIRECTIONS AND WARNINGS ON PACKAGING BEFORE USE. REFER TO MATERIAL SAFETY DATA SHEET FOR HANDLING PROCEDURES. PROTECT GLASS contains flammable denatured alcohol. Provide adequate ventilation if applying in a confined area. Keep away from sources of ignition and flames. Adequate protective personal equipment should be used. Please read the Material Safety Data Sheet.