

SE GLASS P

Coating System for Water-Oil Repellent and Anti-Dirt Treatment on Smooth Inorganic Surfaces.

PRODUCT DESCRIPTION:

- SE GLASS P is a user-friendly protective coating designed for the permanent treatment of photovoltaic panel glass. This product ensures greater brightness and transparency, especially for installations in urban areas and near lakes or marine basins, by reducing the surface tension below 72 mN/m.
- In the event of rain, water does not become delicately spread on the surface but instead contracts into a sphere with a high contact angle, which, due to gravity, flows rapidly down, leaving the glass clean.
- SE GLASS P also prevents dirt accumulation due to dust and contaminants, which will be easily removed by rain. Additionally, SE GLASS P limits ice formation in winter. The coating applied to photovoltaic panel surfaces with SE GLASS P is nearly permanent.



CHEMICAL-PHYSICAL CHARACTERISTICS

Density (20°C)	0.79 g/cm ³ (DIN 51757)
Flash Point	12.5°C (DIN 51755)
Viscosity	2.5 mPas (DIN 53015)
Solvent	Isopropyl alcohol

PRODUCT APPLICATION

Usage conditions	- Before applying SE GLASS P, the surface must be cleaned. - Ideal application temperature is between 15°C and 25°C. - Do not apply the product at temperatures below 10°C or on surfaces exposed to direct sunlight. - Ensure the surface is not hot and there is adequate ventilation.
Application Procedure:	<u>Step 1: Cleaning</u> - Clean the surface to ensure sufficient chemical adhesion of SE GLASS P. - The coating's durability and abrasion resistance depend on how well SE GLASS P chemically bonds to the substrate. - The surface to be treated can be cleaned with a commercial glass cleaner or alcohol. <u>Step 2: Treatment</u> - Apply the correct amount of SE GLASS P as a liquid film and polish quickly and evenly with a paper towel for ½ to 1 minute. - Do not allow the product film to dry on the glass. - Excess SE GLASS P can be polished with a clean paper towel before the film dries. - The coating can air-dry for about 30 minutes after application.

PERFORMANCE

The consumption of SE GLASS P depends on the correct application method. Typically, one liter is enough for approximately 60 m².

PACKAGING AND STORAGE

Shelf life	Store in the original sealed containers for at least 12 months.
Storage conditions	Between 3°C and 40°C.
Available packaging	HDPE containers of 1L, 5L, 10L, and iron drums coated with plastic of 150 L.

PRECAUTIONS

Carefully read the safety data sheet before use.

The information contained in this document is based on trials carried out by our Technical centres and data selected from literature, but shall in no event be held or constitute or imply any warranty or undertaking, expressed or implied, or commitment on our part. Our formal specifications define the limit of our commitment. No liability what so ever can be accepted by SEIRE with regard to the handling, processing or use of the product or products concerned which must in all cases be employed in accordance with all relevant laws and/or regulations in force in the country or countries concerned.