

# Industrial Glass Protect

## Datasheet



### Description

INDUSTRIAL GLASS PROTECT is an anti-soiling coating with hydrophobic characteristics which has been developed and optimized by ChemiTek R&D team to minimize soil dust adhesion and maximize dust removal.

### Specifications

READY-TO-USE

### Applications

Product for application in Industrial glass / PV glass.

### Instructions for application

- 1. Pre-cleaning:** remove any kind of dirt from the panels;
- 2. Cleaning:** make sure the surface is cleaned with denatured alcohol. Use latex gloves for the entire process to ensure a completely clean and dry surface;
- 3. Glass sealing:** apply the IGP product on the desired surface by spraying the solution from 5cm to 10cm. The recommended volume is approx. 10-25 mL/m<sup>2</sup>;
- 4. Polishing:** the treated surface should be immediately polished with microfibre cloths;
- 5. Curing:** after treatment, do not expose the surface of the solar panel to water or any other liquids for at least 2 hours.

### Supplier Recommendations

- Indoor application is recommended (ventilated environment);
- Do not apply at temperatures below 5°C or above 30°C; Ideal temperature of application is between 15 to 25°C;
- Do not apply the product in conditions of direct sunlight, otherwise the coating will dry out too quick;
- Ensure good ventilation during the whole application procedure;

- A good cleaning procedure is mandatory in order to achieve the desired stability over the time;
- After opening the IGP package, it should be used within 4 months in order to ensure product characteristics.

**Table 1:** IGP applied volume per m<sup>2</sup> of glass vs Dry time.

Volume (mL/m <sup>2</sup> )	Dry time (min)
10	40
15	60
20	80
25	140

Recommended environment conditions for application T = 25°C (±5°C)

### Comments

Please follow the instructions in the safety data sheet for the safe handling of the product.

### Properties

**Aspect:**

Transparent liquid.

**Odor:**

Characteristic.

### Packaging

25 litre transparent packages, 200 litre Drums and IBCs (1000 litre bulk Packaging containers)

