

Protect Pro 700

Photocatalytic coating material



Product description: Protect Pro 700 is a hydrophilic and photocatalytic coating base. It is a surface coating which generates a thin film that decreases a hydrophilic surface which have a photocatalytic effect.

Fields of application: Glass, windows and solar panel.

Product features: Thin film
Hydrophilic
Photocatalytic effect

Product data:

Color: Translucent, liquid

Delivery form: 1 pack system

Shelf life: 12 months (storage temperature between 10°C and 30°C, protect from direct sunbeams and frost, keep containers tightly closed).

Technical data:

Type of binder: Titan

Solid content: 10 % by weight

Density: approx. 1,00 g/L

Consumption: 5 – 15 ml/m²

Processing:

Surface treatment: Based on the surface to be coated. In any case the surface has to be free of dirt, dust, oil and grease.

Application:**Cleaning**

The substrate must be dry, free of dust, oil and grease. The target must be cleaned thoroughly. We recommend the use of neutral cleaners and a last pass with an alcohol solution to obtain a better result.

Coating

During work, please wear goggles and gloves for safety. Splashes on skin should be rinsed with water and surfactant thoroughly. Please check the compatibility on sensitive surfaces.

Underground temperature: at least. +5°, max. 30°C

Ambient conditions: at least. +5°, max. 40°C

Relative humidity: max. 85 %

Mixing ratio Ready to Use

Application Curing/Drying

Allow the coating to dry for approximately 1-2 minutes and then buff with a soft microfiber cloth to remove the excess "white" deposit.

If the deposit is difficult to remove, then it is best to re coat the surface and then buff more promptly after application. This may be necessary in hot conditions.

The drying occurs under ambient conditions for minimum 3 hours up to one day. In case of higher atmospheric humidity longer curing times are necessary. An application for a second time will increase the effect. The consumption for the second time will be much lower.

Coating thickness: approx. 1,5 µm

Cleaning of tools: cleaner, pH:>12

The given data is for guidance only and is not a legally guarantee. The product has the properties described above. The product information can and is only intended to provide non-binding advice.