

Solar Wash Protect 50

Datasheet

Description

SOLAR WASH PROTECT 50 is a concentrated product which must be diluted in water to form the SWP solution.

This SWP solution is used to wash photovoltaic solar panels and its quick action makes it easy to clean all kinds of dirt. After the efficient washing it leaves on the solar panel a surface protection that will not allow the dirt to adhere so easily, protecting the solar panel from scratches and avoiding the fast decrease of solar panel power output due to soiling accumulation.

Dilution Specifications

1 kg of SWP 50 to 50 litres of water.

Applications

This product was developed to be used in washing of photovoltaic panels, facilitating its maintenance.

It can be used also to clean mirrors or lenses of Concentrated Solar Power systems (CSP).

Instructions of Use

1. **Dilute/mix** the SWP concentrated product with water in the right mixing ratio, to create ready-to-use SWP washing solution;
2. **Use** the SWP washing solution directly in the **dirty solar panels**;
3. **Brush or Mop** the entire surface of the modules in order to **remove or loose** the dirt present in the solar modules;
4. **Rinse** the panels with water to remove any dispersed dirt or excess of product left on the panels;
5. **Let it dry** on its own or remove the water with a Squeegee.

Important



















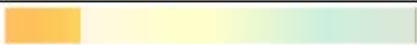
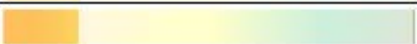
NOTE: Apply or use the SWP washing Solution (after dilution) directly on the **dirty solar panel**;

NOTE2: After the scrub/brush step the **rinsing with water final step** is crucial for having the expected and good results.

Compatible
Applying/Cleaning
Equipments

Industrial sprays, Manual brush, Hoses, Rotative brushes,
Robots, Tractors with brushes, etc.

Soiling and
Contaminants
Performance Table

Soiling	
Bird droppings	
Soil	
Sand	
Clay	
Carbon (e.g. exhaust gases)	
Coal Ash	
Pollen	
Cement dust (uncured)	
Lichens	
Other Fungi	
Decomposed organic material (leaves, flowers, bark, etc.)	
Tree sap	
Tree resin	
Salt residues	
Contaminants	
Grease	
Paint	
Aluminium Oxide	
Rust	
Cement dust and/or droppings (cured)	
Bitumen	

Description:



Comments

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

Properties

Aspect: Yellowish liquid;

Odor: Characteristic;

pH: 7 ± 1 ;

Density: 1,06g / cm³;

Solubility in water: Fully miscible.

Packaging

5kg and 20 kg transparent drums and IBCs (1000kg bulk packaging containers).

