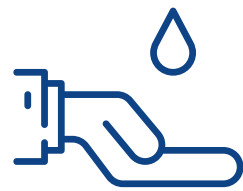
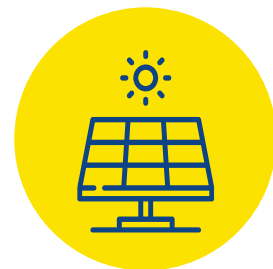


# Chemitek

**Liquid Technology  
for an Advanced Future**





# About the company

---

**Chemitek** is a Portuguese company dedicated to the development, production and trading of **efficient, easy to apply, innovative** and **environmentally friendly** chemical products for industrial maintenance.

With an already diversified portfolio, the company presents solutions for sectors such as **solar, glass** and **disinfection**. It aims to be a reference in the international market, as a **customer-centric, innovative** and **sustainable** chemical company.



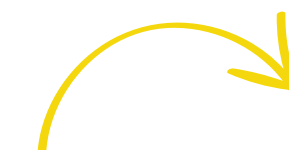
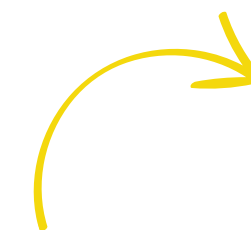
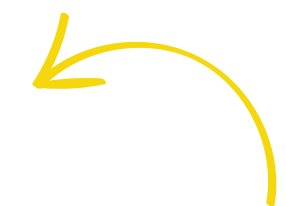
# What we do

The **solar industry** experts in **contaminants removal** agents and **soiling mitigation & efficiency enhancement** products.

Product testing by **TÜV Sud** and other independent laboratories

**Personalized** sales & after-sales support

The **best cleaning & maintenance** solutions in the market



Products developed **specifically for the solar industry**

**Financial return** for asset owners and O&M companies

**Conformity letters** from the World's largest PV manufacturers



# How we act

---

**2 simple steps to solve  
your problem for good.**

**Chemitek**, in partnership with O&M companies and asset managers, has developed a range of products to solve specific problems of the solar industry in two easy steps:

- **1st Remediate** the problem with the correct contaminant removal agent for your case.
- **2nd Prevent** your problem from reappearing by protecting your modules with the coating that fits into the local weather and environment conditions.



**Cement dust  
cured on glass?**

**We have the  
solution!**



Modules riddled  
with **lichens?**

**We have the  
solution!**



**Trouble removing  
bird droppings?**

**We have the  
solution!**



**Pollen and bee's wax  
glued on the glass?**

**We have the  
solution!**



**Desert dust on  
the glass?**



**We have the  
solution!**



# Proprietary formulas specifically developed for the solar industry

## Contaminants Removal Agents for:

- Cement dust
- Stone dust
- Gypsum
- Lichens
- Hard water
- Bird droppings
- Pollen & Bee's wax
- And others

## Soiling Mitigation & Efficiency Enhancement Products:

- Antistatic protection for dry and moderate climates
- Hydrophobic protection for rainy environments

**Contaminants Removal + Soiling Mitigation = Efficiency Enhancement**



## Range of Products

# Contaminants Removal Agents



Biodegradable concentrated removal agent for **cement dust, stone dust, gypsum and other alkali contaminants**

**Tested by TÜV Sud**



Biodegradable concentrated removal agent for **lichens, fungi and moss**

**Tested by TÜV Sud**



Biodegradable **treatment for hard and very hard water.**  
Avoids limestone stains and spots on the modules after drying



Biodegradable concentrated removal agent for **bird droppings, pollen, bee's wax, grease, and other types of soiling**

**Certified by TÜV Sud**



## Range of Products

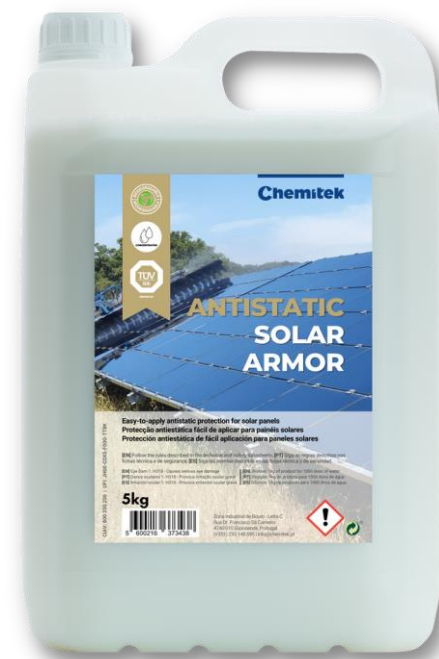
# Soiling Mitigation & Efficiency Enhancement

## Antistatic Coatings



2 in 1 product for **cleaning and antistatic protection**, developed and certified for photovoltaic solar panels.

**Certified by TÜV Sud**



Easy-to-apply **antistatic coating**, specially developed and certified for photovoltaic solar panels.

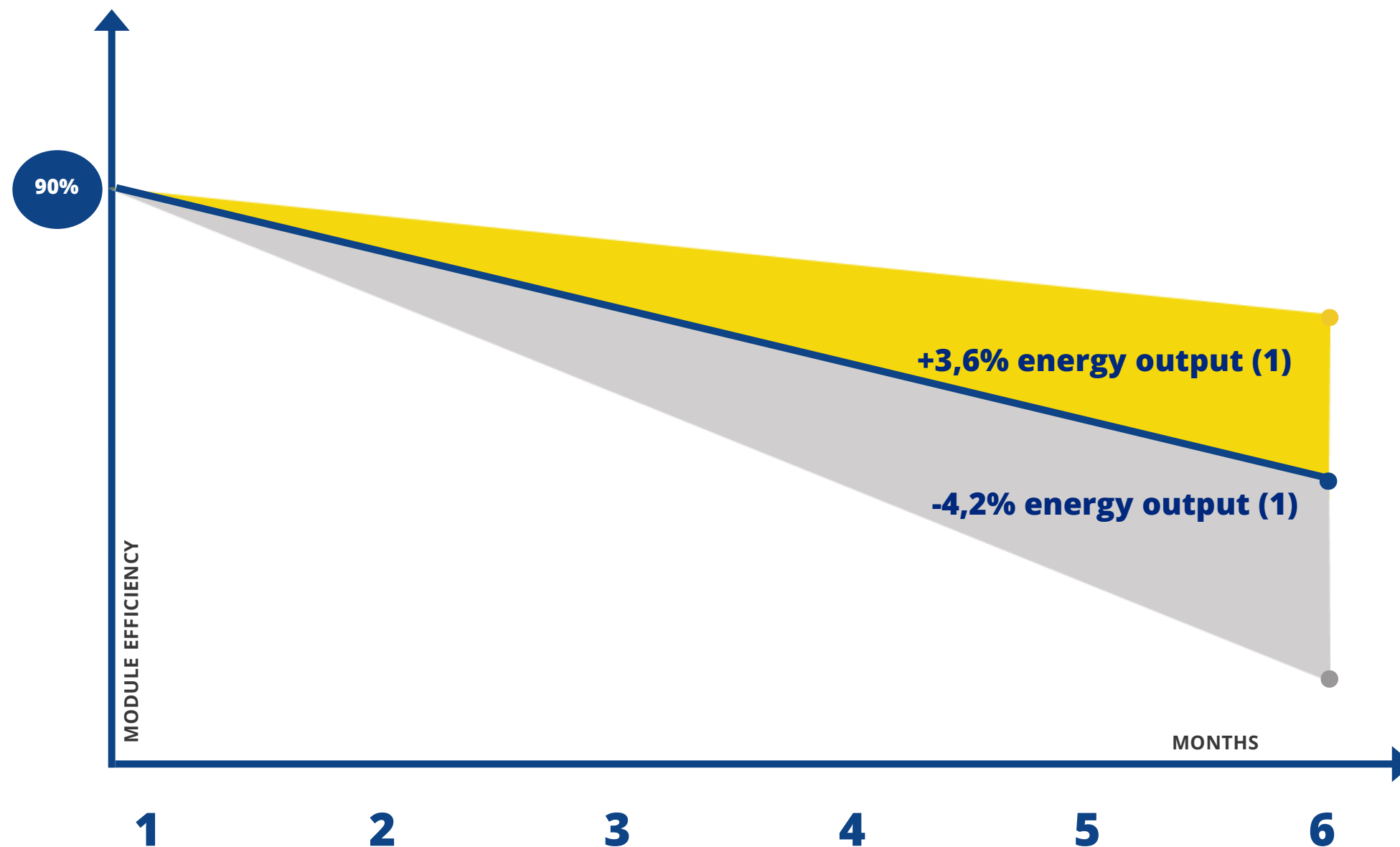
**Certified by TÜV Sud**



Easy-to-apply concentrated **antistatic coating**, specially developed for **CSP plants**.



# Additional energy output provided by the Antistatic Coatings



## Antistatic Protection

Coating for dry and temperate climates.

Repels dust and reduces the adhesion of soiling and contaminants.

Legend:

- Cleaned & Antistatic Protection
- Water Cleaned
- Uncleaned

(1) The results obtained in independent tests conducted at the Institute "Green Energy Park in Rabat (Morocco).



## Range of Products

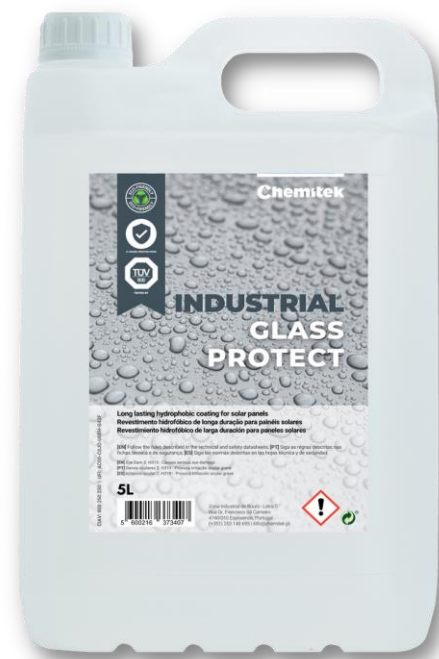
# Soiling Mitigation & Efficiency Enhancement

## Hydrophobic Coatings



**Easy-to-apply hydrophobic coating** certified for solar panels – keeps the panel cleaner and easier to clean.

**Certified by TÜV Sud**

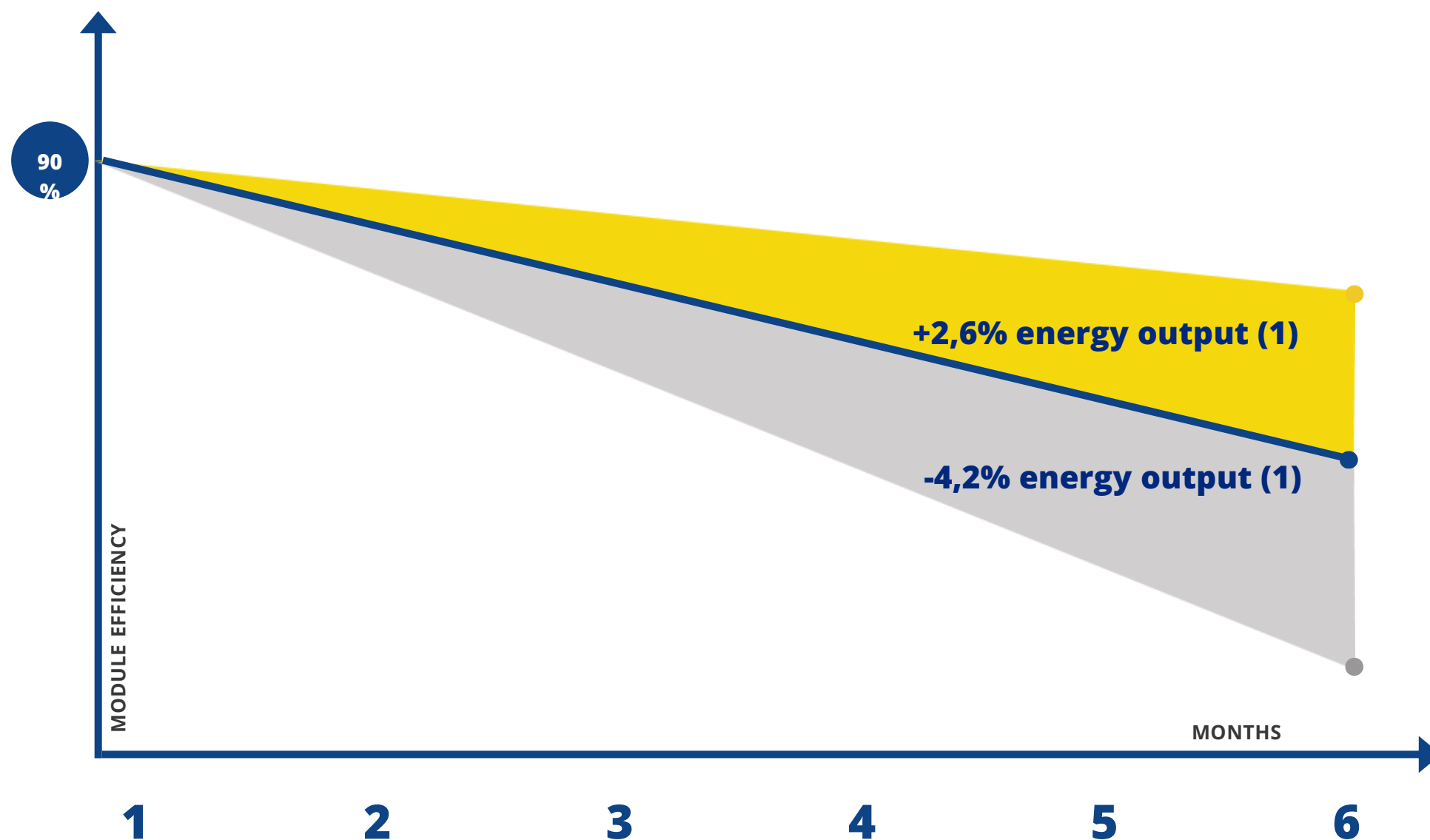


**Long-lasting (5 years) hydrophobic coating** certified for solar panels – keeps the panel cleaner and easier to clean.

**Certified by TÜV Sud**



# Additional energy output provided by the Hydrophobic Coatings



## Hydrophobic Protection

Coating for very wet climates.

Repels water and reduces the adhesion of soiling and contaminants.

Legend:

- Cleaned & Hydrophobic Protection
- Water Cleaned
- Uncleaned

(1) The results obtained in independent tests conducted at the Institute "Green Energy Park in Rabat (Morocco).

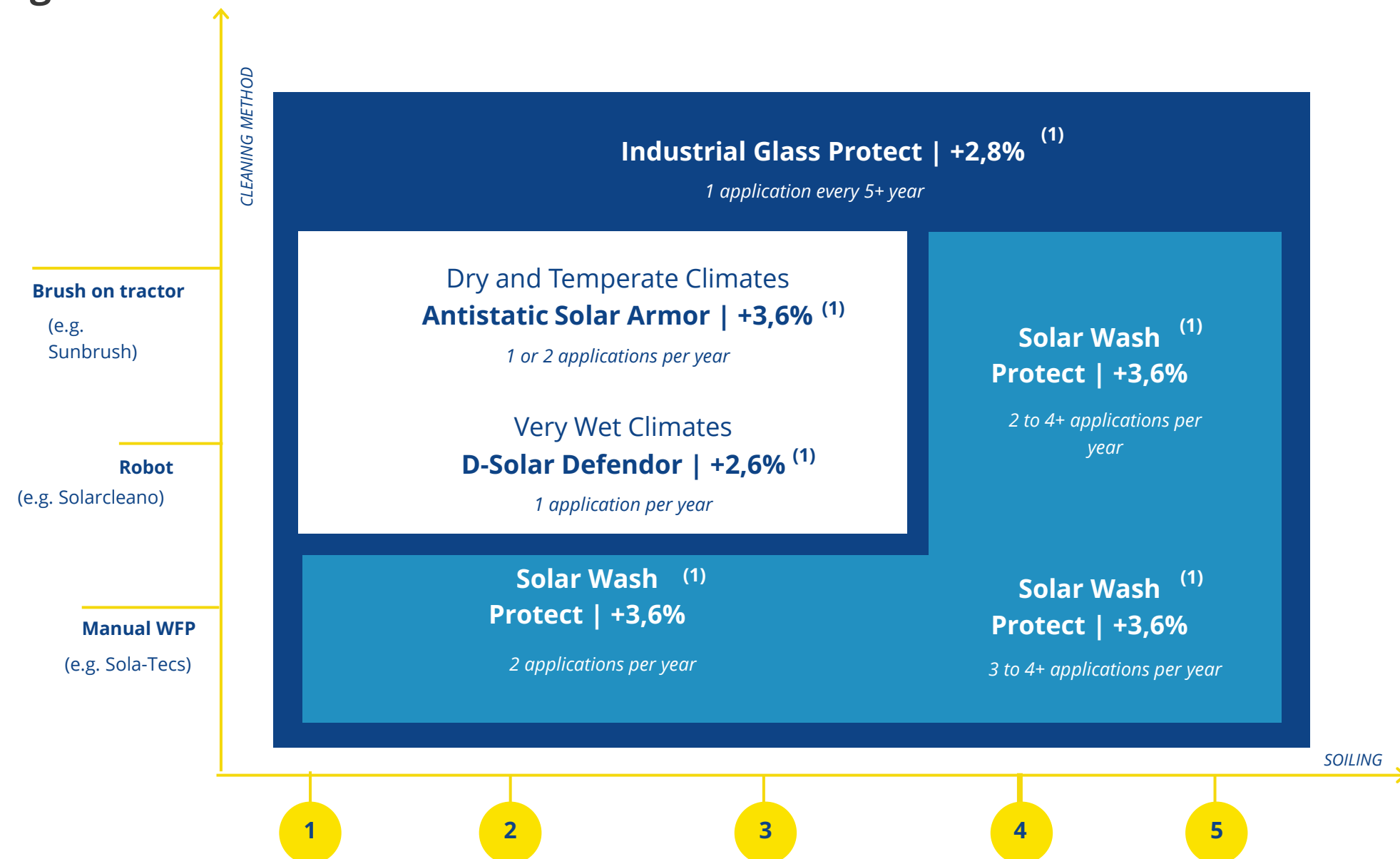


# Which product is best suited to protect and increase the efficiency of my solar plant?

The **level and type of soiling**, the **local weather** and the **cleaning method** of your plant will define the best solution for you.

## SOILING LEVEL

- 1 Here there is very little soiling, which is sometimes not visible to the naked eye.
- 2 The solar systems have low levels of soiling that can be detected.
- 3 The solar system is soiled to a moderate degree.
- 4 Heavy soiling is present, from a film of dirt to incrustations.
- 5 There is very heavy and stubborn soiling on the solar system, which may cause irreversible damage.



(1) Additional energy output when compared with modules cleaned with only water – independent results obtained during testing on the Institute “Green Energy Park”.





# Chemitek

LIQUID TECHNOLOGY

[Discover More](#) >

Rua Dr. Francisco Sá Carneiro  
Zona Industrial de Bouro, Letra C  
4740-010 Esposende, Portugal  
(+351) 253 148 695  
info@chemitek.pt | [chemitek.pt](http://chemitek.pt)

