Watch Water®

SURFACE TECHNOLOGY • SOLAR PERFORMANCE

LonGeVity–Solar Panels

NTD surface technology by Watch Water®

OUR MISSION:

ALWAYS CLEAN GLASS

Designed to help solar glass stay cleaner for longer.



Solar-glass application illustration

CLEANER GLASS. MORE SOLAR POWER.

Cleaner glass helps protect electricity generation from avoidable soiling losses.

WHY SOLAR GLASS MATTERS

Dust and organic films can reduce the sunlight reaching photovoltaic cells. Keeping the glass clean supports light transmission and helps preserve energy yield between maintenance visits. Surface care is part of protecting the value of a solar installation.

THE VALUE OF CLEANER GLASS

- Support light transmission
- Limit avoidable soiling losses
- Make routine cleaning easier
- Reduce cleaning inputs where demonstrated
- Track performance through the seasons

FROM CLEANER GLASS TO LOWER CO_2

Maintained solar output and fewer cleaning visits can support lower lifecycle emissions. Count water, detergents, transport and cleaning energy, then include the footprint of treatment and reapplication. Demonstrate the net benefit with site records.

PROFESSIONAL APPLICATION

Confirm compatibility with the module glass, existing antireflective finish and manufacturer requirements. Prepare the surface, apply and cure according to the approved NTD instructions. Record cleanliness, electricity yield and maintenance over time.

THE SELF-CLEANING PRINCIPLE

LIGHT ACTIVATION

Under suitable illumination, photocatalytic materials use light, oxygen and surface moisture to help break down organic deposits.

WATER SHEETING

A hydrophilic surface lets water spread into a thin film. Rain or an appropriate rinse can help carry away loosened contamination.

LASTING SURFACE CARE

The aim is less persistent dirt, easier cleaning and longer intervals between intensive cleaning operations.

THE LonGeVity–SOLAR MISSION

KEEP GLASS CLEANER FOR LONGER

NTD surface technology by Watch Water® focuses on lasting glass cleanliness and easier maintenance.

The goal: help sunlight reach the cells, limit avoidable soiling losses and support dependable solar generation.

Cleaner glass. Smarter surface care. Long-term value.

APPLICATION OPPORTUNITIES

Residential rooftops • Commercial roofs • Solar carports • Ground-mounted PV

Use on compatible module glass after application approval.

Performance depends on sunlight, rainfall, dust, tilt and coating condition. Mineral dust, salts and persistent deposits may still require rinsing or cleaning.

CLEANER GLASS. LONGER-LASTING VALUE.

LonGeVity + Purity — the Watch Water® mission.

WATCH WATER® GmbH

Fahrlachstraße 14, 68165 Mannheim, Germany

Telephone : +49 621 879510

Email : info@watchwater.de

www.watchwater.de

WATCH WATER® a Water Company