

XELEX XC2

SHIELD AND SAVE GLASS COATING



MAINTAINS A PROTECTIVE INVISIBLE SHIELD AGAINST POLLUTANTS AND DUST

'PREVENT, PROTECT, PERFORM'

XC2 Solar Clear is a nano-technology based transparent coating polymer designed to protect solar PV and glass panel surfaces. Solar Clear has hydrophobic and self-cleaning properties. The self-cleaning effects stop dust and bird faeces from sticking to Solar PV and glass panels, maintaining efficiency and ensuring the maximum amount of electricity is produced..



MAINTAINING EFFICIENCY AND PERFORMANCE

- X Designed to use on glass, solar PV panels
- X Hydrophobic and self-cleaning properties
- X Photocatalytic action improves efficiency
- X Reduces the formation, adhesion of grime
- X Reduces the accumulation of fouling
- X Invisible shield barrier, chemical resistant
- X Ready to use, doesn't need any dilution
- X Biodegradable and easy to use

'PREVENT PROTECT PERFORM'



EASY APPLICATION

+



CLEANER LONGER

+



MAINTAINS PERFORMANCE

=



MONEY SAVING

Xelex XC2 when applied will form an invisible non stick shield which is effective in keeping PV Solar Panels clean, maintaining maximum energy generation therefore saving you money
'DIRTY PANELS CAN LOSE AS MUCH AS 25% EFFICIENCY IF NOT CLEANED'

How it Works?

XC2 repels water more quickly than uncoated self cleaned glass as found on typical PV or solar panels.

XC2 prevents the formation of dirt particles on the panel which reduce the ability of the panel to absorb the energy from the sun and lowers power production from the system.

XC2 as well as creating a protective barrier, uses UV absorption of the natural and artificial light in the surrounding area and on surfaces it coats.

XC2 photo-catalytic process is able to degrade: - Nitrogen oxides and dioxides - Sulphur dioxide - Atmospheric dust and VOCs such as benzene and toluene.

The result is protection against contamination and degradation of the surfaces they are protecting.

XC2 protective treatment creates a persistent thin film of homogeneous water on the hydrophilic glass when wet in hot weather and reduces the temperature of the photovoltaic cells and recovers further important energy

Using XC2 means glass surfaces will lengthen periods between regular cleaning and ensure that water and debris will no longer be able to stick on the surface.

XELEX XC2

How to Use?

Photovoltaic panels are a green energy source used to power homes and businesses. These panels are installed on roofs or on mounting brackets around the home and must be exposed to direct sunlight in order to function. Cleaning the panels regularly will provide better performances and reduce expensive utility bills. Photovoltaic panels and also solar thermal panels need cleaning because they are exposed to the elements and accumulate all types of pollutants depending of their location. These can include traffic film, atmospheric dust and salt in coastal regions. This build-up of pollutants blocks out a degree of sunlight with a loss of efficiency and a reduction in the maximum amount of electricity produced.

XC2 Solar Clear is ready to use and it is best applied after the maintenance cleaning of the panels has been carried out with XC1 Solar Clean on the dry surfaces.

500 ml is enough to treat a 50 m² of panels with one coat.

Must be applied to DRY surfaces only.

Multiple coats can be achieved by further applications.

Whilst XC2 is effective as a single coating, it is recommended that a coating of between 2-4 fine layers is applied for maximum protection subject to local climatic conditions and pollution levels.

XC2 should be applied to clean dry surfaces after using XC1 or other suitable cleaner.

XC2 Solar Clear can be applied at temperatures from ambient to 65°C using either a fine mist spray or via a soft brush..

Ingredients.

Aqueous solution of an Ethoxylated alcohol and other non hazardous materials.

Physical Properties
Chemical composition
Appearance: white-grey fluid
Specific Gravity (20°C): 1.03
pH: ~7.0
Freezing temperature: - 3°C

SAFETY DATA:

SDS sheet available on request

CAUTION – as with all chemicals

Handle with care.

Not to be taken internally.

Avoid contact with skin and eyes.

Keep out of reach of children and animals.

In case of contact with eyes and / or skin, rinse immediately with plenty of water

Store in ventilated area, keep container tightly closed

Non-flammable

Not considered hazardous to health



OTHER PRODUCTS IN THE RANGE

XELEX XC1 Solar Clean

PACKAGING

500 Millilitre Bottle
5 Litre Cubiccontainer
25 Litre Cubiccontainer
1000 Litre IBC

FACT SHEETS IN OTHER LANGUAGES AVAILABLE ON REQUEST

Disclaimer: XELEX XC2 is proven safe to use on solar PV and glass panel systems. XELEX Global Ltd, cannot accept any liability for the incorrect use of this product and advise that application of this product to your solar PV system be carried out by a fully trained operative