

XELEX XC1

SOLAR PV AND GLASS PANEL CLEANER

XELEX™

HIGH QUALITY CLEANER FOR SOLAR AND GLASS PANELS THAT MAINTAINS PERFORMANCE

'PREVENT, PROTECT, PERFORM'

XC1 is an advanced high performance cleaner which protects the glass surfaces from damage during contact cleaning. An advanced formulation that removes fouling, and improves the cleaning process which leaves panels clean maintaining performance. It improves the squeegee drag (slipperiness) and is designed specifically with a non-streaking formula to prevent any spotting or streaking when used with water fed poles.

Completely biodegradable XC1 is an environmentally friendly cleaner which is recommended to be used prior to applying XC2 Solar, Clear 'Shield and Save'.



DIRTY PANELS PERFORM BADLY AND LOSE PRODUCTION

- X Use on Solar and Glass Panels
- X Protects from damage when cleaning
- X Non streaking and spotting
- X Removes organic and inorganic dirt
- X Biodegradable and eco-friendly
- X Concentrated formula 5-10% dilution rate
- X 1 Litre makes 10 to 20 litres ready to use solution

'PREVENT PROTECT PERFORM'

A typical 'dirty' panel can be 10-25% less efficient than a clean one.

Typical saving - 4 KW roof mounted £1 per day, 50MW ground mounted solar farm £8,000 per day



EASY APPLICATION

+



CLEANER FASTER

+



MAINTAINS PERFORMANCE

=



MONEY SAVING

How it Works?

Left to general weather conditions there will be a build up of grime on the panels that rainwater alone does not remove. This will reduce the solar panel efficiency which in turn reduces your income and return on investment.

XC1 is a high performance biodegradable solar panel and glass cleaner which uses high quality dispersants and surfactants.

XC1 protects the panel from damage that can be caused during the cleaning process.

XC1 acts quickly to breakdown dirt and grime on the surface whilst still protecting the surface from damage during contact cleaning.

XC1 removes all types of fouling and grime buildup caused by atmospheric conditions and pollutants, dust, carbon, moss, oils and fats bird droppings and other organic and inorganic substances.

XC1 is designed to be used in large scale PV arrays along with XC2 'Shield and Save' as a 2 step protocol working together to keep panels cleaner longer.

XC1 helps solar panels to maintain optimum performance for longer periods compared with standard cleaning with deionized water only.

XC1 is designed to be used in combination with Xelex XC2 as part of the Xelex best practice protocol, prevent, protect, perform to keep panels cleaner longer, and generating at their optimum best.

XELEX XC1

How to Use?

XC1 is an aqueous biodegradable glass cleaner. Solar Clean uses high performance dispersants and surfactants and protect the glass surface from damage during contact cleaning, such as when using sponges or water-fedpoles. Solar Clean reduces the surface tension of the water and does not leave films or residues. Solar Clean is also designed to remove scale deposits.

XC1 is supplied in a concentrated solution and should be diluted with water to give a ready to use concentration of between 5-10% depending on level of fouling and previous cleaning frequency. For best results it is recommended to be diluted with demineralised (DI) or reverse osmosis (RO) water, but where this is not available can be also be diluted with tap or well water.

XC1 can be applied with a soft bristle brush, sponge or commercial spray washing machine which is used in the cleaning of large scale commercial arrays and solar farms.

After application the panels should be rinsed with clean water and left to dry naturally, avoid over soaking any electrical connections.

Temperature range for use is from ambient to 65 oC.

Ingredients.

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

Physical Properties

Appearance: clear liquid

Specific Gravity(20°C): 1.03

H: ~11.0

pH(1%sol): 9.5

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

Recommended to wear protective gloves/protective clothing/eye protection/face protection.



OTHER PRODUCTS IN THE RANGE

XELEX XC2 Solar Clear Nano-Technology Coating

PACKAGING

500 Millilitre Bottle

5 Litre Cubiccontainer

25 Litre Cubiccontainer

1000 Litre IBC

FACT SHEETS IN OTHER LANGUAGES AVAILABLE ON REQUEST

Disclaimer: Xelex XC1 is proven safe to use on solar and glass panels. Xelex Global Ltd, cannot accept any liability for the incorrect use of this product, and advise that any cleaning of your Solar Pv system be carried out by a fully trained operative.