

ECOAT SOLUTIONS

PRODUCT INFORMATION

ECS 5003

GREENHOUSE & SOLAR PANEL ULTRAHYDROPHOBIC NANO-CERAMIC COATING

ECS 5003 AlphaSlick Green is a VOC exempt, environmentally friendly, solvent based hydrophobic coating specifically formulated for maximum performance on greenhouses and solar panels. ECS 5003 has excellent adhesion, UV resistance, and durability. It creates a micro-thin, super-slick hydrophobic surface that prevents the adhesion of ice, dirt, debris, mold, snow, etc. from treated surfaces. This creates a self-cleaning surface that increases performance while minimizing ongoing maintenance. ECS 5003 has been specifically formulated for use on greenhouses and solar panels. In addition to its self-cleaning properties, ECS-5003 increases the amount of solar energy that passes through glass and clear surfaces, increasing the potential energy yield in solar panels.

Key Performance Properties

- Hydrophobic, water repellent surface.
- Self-cleaning.
- Increases solar efficiency.
- Anti-icing.
- UV resistance.
- Excellent adhesion. Intrinsic bond with the substrate.
- Non-flammable.
- Clear.
- Smooth.
- Excellent coverage rate.
- Ambient cure, short dry time.
- Environmentally friendly. VOC exempt.
- Will not harm marine life.
- RoHS and REACH compliant.

Common Applications

- Greenhouses
- Solar panels



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