Factory

MORESUN®

Anti-Reflective/Anti-Soiling Shield

pellucere® TECHNOLOGIES

Embrace the Light | Reject the Dirt

MoreSun Solvent Family

Industry-Leading Optics, Integrated Anti-Soiling

Pellucere Technologies' MoreSun **Sol** is an industry-leading anti-reflective, anti-soiling coating for factory solar glass. MoreSun Sol is available in a single-layer "OneCoat" formulation or a "Dual Layer" product for maximum optical gain. Both products meet or exceed all industry standards for durability and deliver leading optical performance gains.

MoreSun **Sol** products come with Pellucere's Dirt Rejection Technology™, a unique nano-structure on the coating's surface that significantly reduces the forces that cause dust and dirt to adhere to the module. Extensive field testing has demonstrated that modules with the Pellucere Dirt Rejection Technology can deliver additional annual energy output of 3% or more in high-dust, dry environments.

The Pellucere Clear Advantage

MoreSun Sol OneCoat

Key Features

- Single layer deposition
- Integrated Anti-Soiling
- 3.3% gain (Perkin Elmer)
- 2.3% gain (Aoptek)
- >3H Pencil Hardness
- IPA make-up solvent
- Manufactured in N.A., Europe and India

MoreSun Sol Dual Layer

Key Features

- Dual layer deposition
- Integrated Anti-Soiling
- 3.5% gain (Perkin Elmer)
- 2.5%+ gain (Aoptek)
- >3H Pencil Hardness
- IPA make-up solvent
- Manufactured in N.A. and India

Note: Optical performance may vary up to 0.2% depending on the deposition system and the glass substrate.

MoreSun Aqua Family

Water-based Zero VOCs, Leading Optics

Pellucere Technologies' MoreSun **Aqua** products are the industry's leading water-based, anti-reflective solar coatings. MS Aqua is the world's lowest emission solar coating, with Zero VOCs, and with no harmful vapors, the coating room for MS Aqua requires minimal ventilation, saving money and reducing overall manufacturing emissions. It also means no make-up solvent is required, further reducing costs. In fact, MoreSun Aqua offers the lowest total cost of any factory solar AR coating.

MoreSun **Aqua** products are available in two formulas: Aqua Smooth, which features a smooth surface to ease removal of EVA and other factory contaminants; or Aqua AS with Pellucere's Anti-Soiling **Dirt Rejection Technology**™ that incorporates a unique surface nano-structure to reduce dust and dirt accumulation in the field.

The Pellucere Clear Advantage

MoreSun Aqua AS

Key Features

- Single layer deposition
- Integrated **Anti-Soiling**
- 3.2% gain (Perkin Elmer)
- 2.2% gain (Aoptek)
- >3H Pencil Hardness
- No make-up solvent needed
- Manufactured in N.A., Europe, and India

MoreSun Aqua Smooth

Key Features

- Single layer deposition
- **Smooth surface** for easy cleaning
- 3.3% gain (Perkin Elmer)
- 2.3% gain (Aoptek)
- >3H Pencil Hardness
- No make-up solvent needed
- Manufactured in N.A. and India

Lower Emissions, Less Energy, Lowest Total Cost

Embrace the Light, Reject the Dirt

Ask Us

MoreSun Retrofit

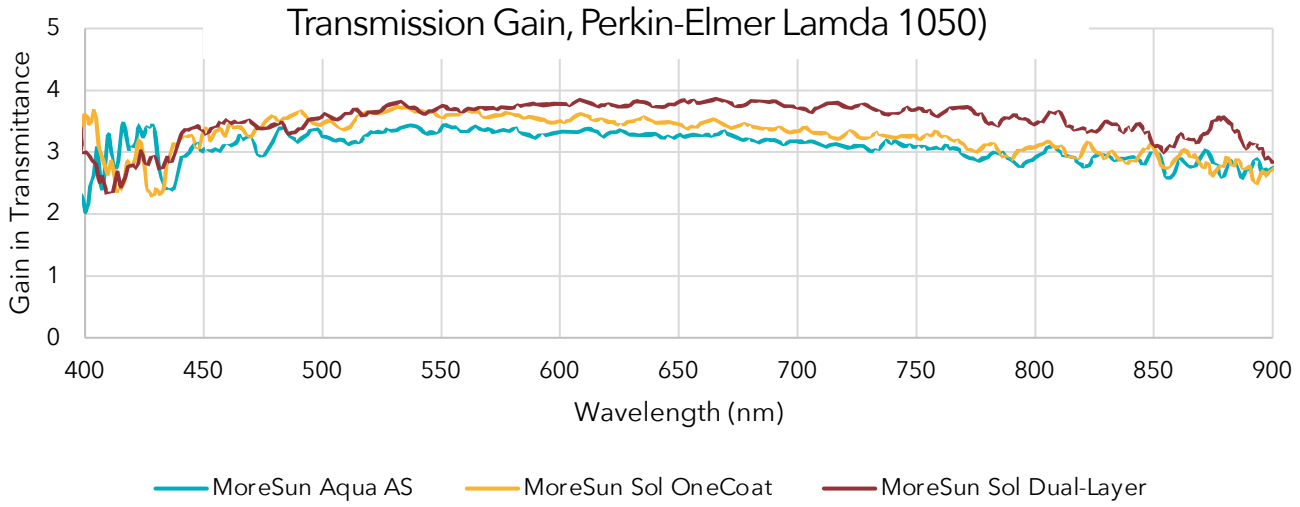
Pellucere is the leader in retrofit solar Anti-Reflective / Anti-Soiling coatings. Contact us to learn more.

Pellucere Technologies' MoreSun Family of Anti-Reflective / Anti-Soiling solar coatings lead the industry in delivering **best-in-class optical gains** and **leading anti-soiling** performance. MoreSun coatings for the glass factory include several **aqueous and solvent-based formulation**s to meet a full range of customer objectives.

All MoreSun OEM products have been tested by leading independent laboratories and certified to meet industry-standards for performance and durability. They have been tested on deposition systems from numerous manufacturers.

MoreSun Products Meet or Exceed Industry-Standards

Analysis Item	Test Condition	MoreSun Coatings
Salt Spray Test	IEC 61701	√ Pass
Acid Resistance Test	EN 1096	√ Pass
Outdoor Exposure Test	IEC 61215	√ Pass
Pencil Hardness Test	GB/T6739	√ Pass (≥3H)
Scrub Test	JC/T 2170-2013	√ Pass
Abrasion Resistance Test	EN1096-2	√ Pass
Pressure Cooker Test	135˚C/3.2 bar	√ Pass



Invent With Us!

Pellucere is a science-driven, technology-forward company. Leveraging our expertise in nano-chemistry and application technology, we can develop tailored solutions and formulations to meet your specific needs. Contact us if you would like to discuss options to collaborate on new products and applications.

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