

PIENAAR ENERGY (PTY) LTD

Portuguese anti-fouling solar glass



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Solar Glass with Anti Soiling Coating

Solar glass treated with Anti-Soiling coating soils less, hence easier to clean. The modules can maintain their optimal performance for longer duration while reducing the number of cleaning cycles, labour, ...

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Solar Panel Coatings

Our easy to apply and highly durable PV coating offers instant benefits. Advanced SiO₂ technology which creates an invisible protective layer, approx. 100 nm (nanometres) "thick". Approximately 500 ...



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Solar Panel Nanoceramic Hydrophobic Coating

This anti-static, self-cleaning surface increases solar panel performance while minimizing ongoing maintenance by creating a micro-thin, super-slick hydrophobic surface that prevents the adhesion of ...

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Glass for solar applications

As a fully integrated company, AGC offers a full range of products dedicated to CSP applications: from sand and low-iron float glass substrates made by our highly specialised float glass plants to high-end ...

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Solar Glass Market in Portugal , Report

The Portuguese solar glass market stands at a critical inflection point, shaped by the powerful convergence of national decarbonization imperatives, abundant solar resources, and ...

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A Critical Review on Anti-soiling and Anti-reflective

This paper focuses on current developments in transparent anti-soiling and anti-reflective (AR) coating based on the glass application, emphasizing the solar industry.

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Anti-soiling coatings for solar cell cover glass: Climate and surface

In this work, anti-soiling coatings based

on TiO₂, TiO₂/SiO₂, and functionalized-SiO₂ films have been deposited on glass, characterized regarding their optical and structural properties ...

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Glass made for the sun

Your single source: High-efficient float glass production, glass coating, glass processing as well as high-capacity production of flat solar mirrors. Everything is highly automated, precise and efficient.

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Hydrophobic Coating for Solar Panels

Industrial Glass Protect is a ready-to-use coating for soiling mitigation and performance enhancement specially developed and certified for solar panels. It combines the hydrophobic with the antiadherent ...

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