



# North Africa Transmittance 40 solar Glass





## Overview

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Medium light transmittance and low light reflectance for undistorted, natural views. Available in a range of colors (Clear and EverGreen). Improved thermal insulation performance when combined in an Insulating Glass Unit with a low-emissivity glass.

Medium light transmittance and low light reflectance for undistorted, natural views. Available in a range of colors (Clear and EverGreen). Improved thermal insulation performance when combined in an Insulating Glass Unit with a low-emissivity glass.

Architects and building owners want high performance coated glass products that deliver abundant natural light combined with energy savings and solar protection. The Guardian SunGuard<sup>®</sup> SuperNeutral<sup>®</sup> (SN) range meets these requirements. These multi-functional coatings offer high selectivity solar.

The NRG Lite Range offer lots of natural light into your building where moderate solar heat and light management are required. The NRG Intermediate Range is recommended where a higher solar control is required than the Lite options. The NRG Optimum Range has the highest solar control whilst still.

JIS R3106 stipulates methods for measuring and calculating visible transmittance, visible reflectance, solar transmittance, solar reflectance, and normal emittance as indices for expressing the properties of flat glass. "Solar" in this context refers to the near ultraviolet, visible and near.

Pilkington Solar-E<sup>™</sup> is a range of good solar control performance on-line coated glasses offering low solar heat coefficient gain, low reflectivity, reduced glare and low-emissivity. The products are available in a range of colours - Clear, EverGreen. Pilkington Solar-E<sup>™</sup> products can be used in.

The norms EN 410, ISO 9050 and ISO 13837 (single glazing only) are applied to determine light and energy parameters of glazing. The resulting values are important for considering the energy requirements of buildings. Basically, the procedures are applied for clear panes, but with an integrating.

JIS regulates solar transmittance as an index of the transmission characteristics of



sunlight, which includes visible to near-infrared light. In this example, several types of glass were measured using a UV-3600 UV-VIS-NIR spectrophotometer and their solar transmittance was calculated using solar.



## North Africa Transmittance 40 solar Glass



### Pilkington Solar-E(TM)

They provide attractive solutions to various applications where good light transmittance with enhanced solar control performance is required. ...

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### [SN Grey 40 T Double silver coated light transmission glass](#)

Developed to meet the growing desire for neutral grey-colored architectural glazing, Guardian SunGuard® SuperNeutral (SN) Grey 40 T is a highly selective double silver coated solar ...

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### Performance value terms

Ultraviolet (UV) Transmittance ( $T_{uv}$ , %) is the percentage of the incident UV component of the solar radiation in the wavelength range of 280 nm to ...

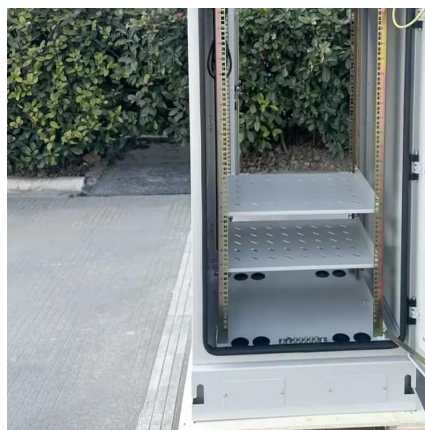
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### [SN 40 T Double silver coated light transmission glass](#)

These multi-functional coatings offer high selectivity solar protection on a neutral-looking glass (including neutral blue) for a wide range of ...



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### [Calculation of solar and light transmittance](#)

The method is applicable in cases when total solar transmittance through glazing ranges between 0.15 and 0.85. It is anticipated that roller shutters have to be fastened to prevent direct solar ...

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### [NRG , Energy Efficient - National Glass Distribution](#)

Optimum Range The NRG Optimum Range has the highest solar control whilst still providing medium visible light transmittance. Select the correct ...

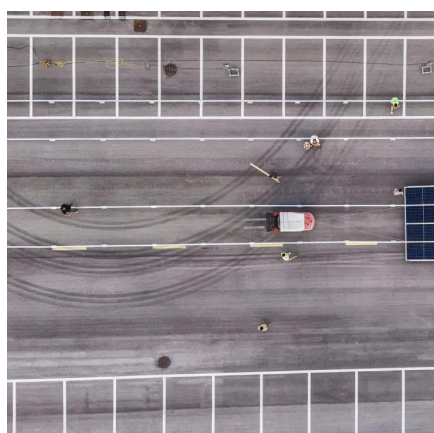
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### [Measurement of Solar Transmittance through Plate ...](#)

In this example, several types of glass were measured using a UV-3600 UV-VIS-NIR spectrophotometer and their solar transmittance was calculated ...

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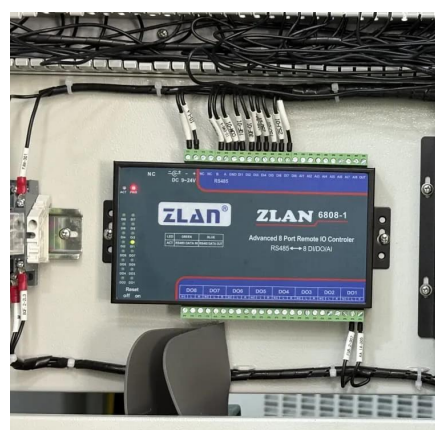
### [Measurement of Solar Transmittance](#)



## [through Plate Glass](#)

In this example, several types of glass were measured using a UV-3600 UV-VIS-NIR spectrophotometer and their solar transmittance was calculated using solar transmittance ...

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## **Pilkington Solar-E(TM)**

They provide attractive solutions to various applications where good light transmittance with enhanced solar control performance is required. Thanks to their low exterior light reflectance ...

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## **Glass Transmission**

Solar Transmittance value are calculated as described in section Weighting Factors. The data tables in both norms do not have equidistant data so that a trapezoidal weighting is applied.

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## **Performance value terms**

Ultraviolet (UV) Transmittance ( $T_{uv}$ , %) is the percentage of the incident UV component of the solar radiation in the wavelength range of 280 nm to 380 nm that is transmitted by the glass.

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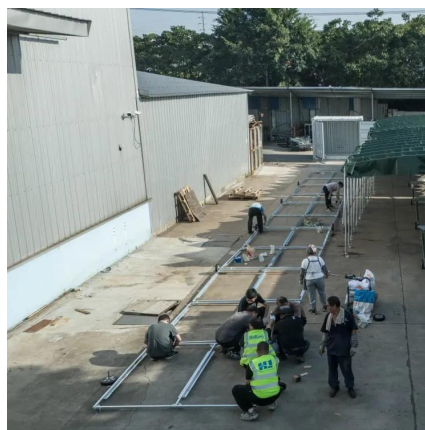
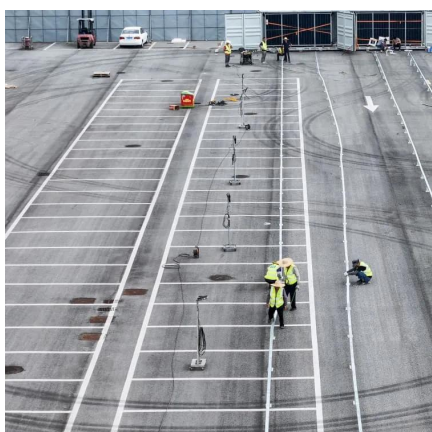
## [SN 40 T Double silver coated light](#)



## [transmission glass](#)

These multi-functional coatings offer high selectivity solar protection on a neutral-looking glass (including neutral blue) for a wide range of applications such as fully glazed facades, roof ...

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## [NRG , Energy Efficient - National Glass Distribution](#)

Optimum Range The NRG Optimum Range has the highest solar control whilst still providing medium visible light transmittance. Select the correct NRG product to suit your project ...

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## [Solar Transmittance/Solar Reflectance ...](#)

Measurements were conducted on four types of commercial plate glass to determine their respective visible transmittance, visible reflectance, solar ...

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## **Solar Transmittance**

Solar transmittance, also referred to as light transmittance or visible transmittance, is the measurement of visible light passing through a piece ...

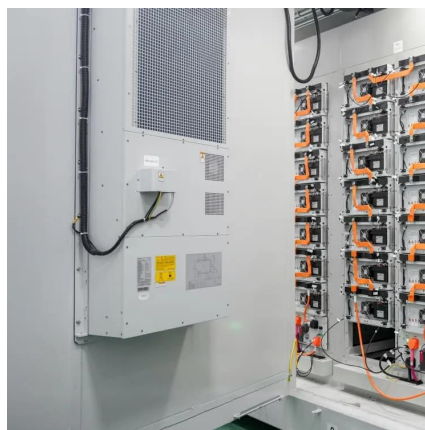
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## **Solar Transmittance**



Solar transmittance, also referred to as light transmittance or visible transmittance, is the measurement of visible light passing through a piece of glass. Solar transmittance can be ...

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### [Solar Transmittance/Solar Reflectance Measurement](#)

Measurements were conducted on four types of commercial plate glass to determine their respective visible transmittance, visible reflectance, solar transmittance, solar reflectance, and ...

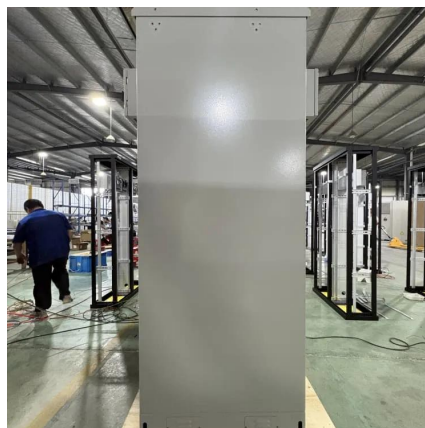
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### [SN Grey 40 T Double silver coated light ...](#)

Developed to meet the growing desire for neutral grey-colored architectural glazing, Guardian SunGuard® SuperNeutral (SN) Grey 40 T is a highly ...

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## Contact Us

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