

# **North Africa Transmittance 40 solar Glass**





## Overview

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What is a good solar transmittance?

To start, an uncoated glass showed a very constant solar transmittance, with longtime values from the different sites near the ASTM value. If a standard antireflective coating is applied, the typical longtime solar transmittance is between 82.7% and 85%.

What is the longtime solar transmittance of low-E glass?

Longtime solar transmittance The longtime solar transmittance of low-e glass corresponds to the total quantity of the sun's radiant energy which passes through a window in a year. Table 3 shows the results, with the lowest values in red and the highest values in green.

Which NRG optimum range has the highest solar control?

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 requirements. Visible Light Transmission is simply the measurable amount of solar visible light (daylight) that travels through a glazing system.

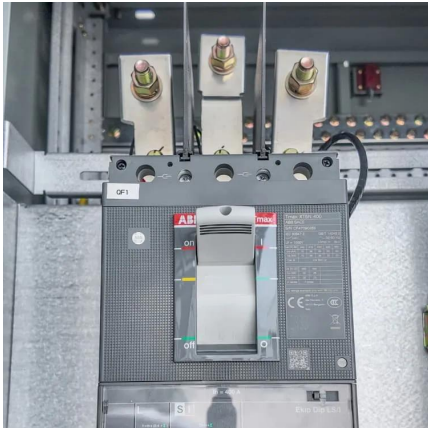
What is solar transmittance based on AOD?

Solar transmittance of low-e glass depending on the AOD value. Solar absorptance variation according to the AOD (Fig. 7 -b) has a similar shape as AM, albeit with lower values. "Moderate solar gain" samples (from 1 to 3) increase their absorptance values, but never beyond the 0.5% point.



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Lower iron content impurities result in higher solar transmittance. For the most commonly used 3.2mm and 4mm thick glass in domestic applications, the visible light transmittance for solar radiation ...

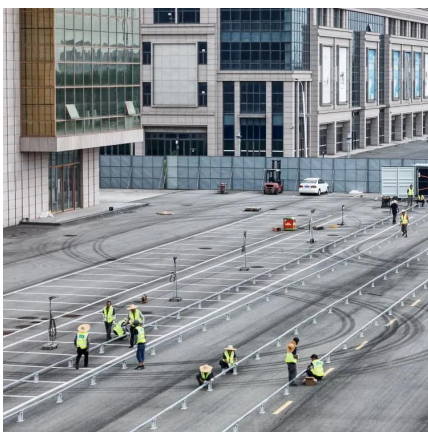
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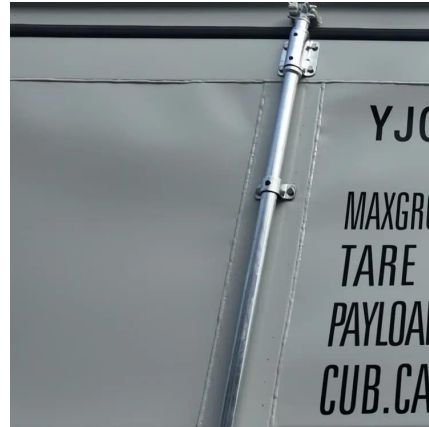
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In this paper, we provide a comprehensive, multi-years analysis of the solar performances of a complete set of low-e glass located on 12 sites around the world. Local ...

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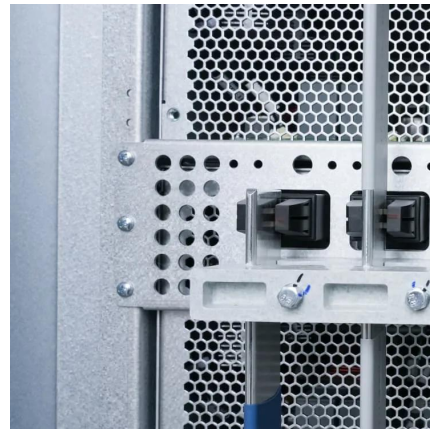
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