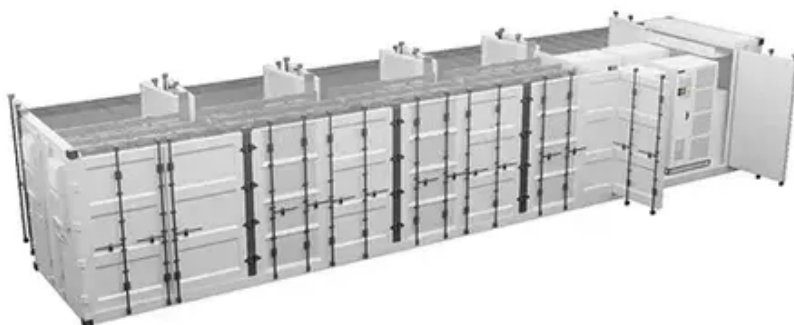




# Comparison of solar glass transmittance 20 and 40





## Overview

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Glaz-Tech Industries allows you to search targeted values for either Visible Light Transmittance or Solar Heat Gain Coefficient. Enter values below and GlazSpecs will display data that are within range of your targeted value.

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through the glass. The higher this figure the solar heat (T) and the portion of the absorbed more daylight the glass allows to enter the energy which is re-radiated (through building. conduction and convection) oor temperatures. The lower the number is, the better the insulating quali e solar.

visible light transmitted through the glass. Certain regions and consumer preferences require a higher or lower Tvis. The higher the number the (UV) light and other types of solar energy. Fading is caused by segments of solar radiation, specifically 40 percent to 60 percent UV light, 25 percent.

Pilkington Clear and Body Tinted Outer Panes The table above shows performance data relating to the most common solar control glasses available on the market. The values are based on double glazed units incorporating inner panes of 6mm low e clear glass and the outer pane is as shown in the table.

Visible Light Transmission (VLT) – Percentage of light passing directly through the glass, the higher the percentage the more light that will pass through. Solar Heat Gain Coefficient (SHGC) – The proportion of total solar radiation that is transferred through the glass, which results in heating.

ups where the coating faces the interlayer. It is the user’s responsibility to assess whether the laminated glass makeup meets relevant regional standards and complies with ted by the current experimental technologies. Since measurements capture physically only a part of the resulting radiation.

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allows you to select by three different categories;



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### [PERFORMANCE CALCULATOR Comparison SN68](#)

This performance analysis is provided for the limited purpose of assisting the user in evaluating the performance of the glass products identified on this report.

### 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.



### [Residential Glass Technical Reference Guide](#)

% Reflectance Out - percentage of solar energy directly reflected from the glass back outdoors. % Absorptance - percentage of solar energy absorbed into the glass (held within the glass, then ...

### PPG Glass Brochure

It includes both solar energy transmitted directly plus any absorbed solar energy re-radiated and converted. Lower shading coefficient values indicate better performance in reducing summer



...



### WITH LOW EMISSIVITY GLASS

Solar Transmittance % : The percentage of solar energy transmitted directly through the glass (90° angle to the surface).

### [Glass Performance Data Sheets and Specifications , SPG](#)

Access SPG's glass performance data sheets. Get specs for Pilkington, Guardian, Saint-Gobain, and more. Download PDFs for detailed insights.



### Glass Performance Calculator

Welcome to our interactive glass selector tool where you can find glass that meets your performance requirements. To get started, input your required ...



## [Glaz Specs Performance Calculator by Glaz-Tech Ind](#)

Enter values below and GlazSpecs will display data that are within range of your targeted value. Glaz-Tech Industries allows you to select by three different categories; Visible Light ...



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## [Standard Insulated Glass Performance Values](#)

Solar Energy Direct Transmittance ( $T_e$ , %) is the percentage of incident solar energy in the wavelength range of 300 nm to 2500 nm that is directly transmitted by the glass.



## Performance GUIDE

Selecting glass for a project is an important and sometimes difficult task, to assist in this process G.James offers the following recommendation for viewing glass samples.





## Contact Us

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