

Title: Glass solar ratio

Generated on: 2026-03-12 18:27:02

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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.

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 ...

For example, a glass with an SHGC of 0.33 allows only 33% of solar heat to pass through, keeping interiors cooler and reducing cooling costs. LSG is ...

$LSG = \text{Transmittance (Tvis)} / \text{SHGC}$. A higher LSG ratio means sunlight entering the room is more efficient for daylighting, especially for summer ...

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