Solar glass transmittance standard

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

ISO 9050:2003 specifies methods of determining light and energy transmittance of solar radiation for glazing in buildings. These characteristic data can serve as a basis for light, heating and ventilation ...

ISO 9050 Second edition 2003-08-15 Glass in building -- Determination of light transmittance, solar direct transmittance, total solar energy transmittance, ultraviolet transmittance and related glazing ...

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

For transmittance, the front side transmittance (i.e. incident solar radiation from the front side) and the back side transmittance (i.e. incident solar radiation from the back side) are always the ...

This document was prepared by Technical Committee ISO/TC 160, Glass in building. Any feedback or questions on this document should be directed to the user"s national standards body.

ASTM G 159 and ASTM G 173 only define tables of solar radiation, where G 173 is supposed to replace G 159. Solar Transmittance value are calculated as described in section Weighting Factors. The data ...

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 ...

ISO 2023 - All rights reserved INTERNATIONAL STANDARD ISO 23237:2023(E) Glass in building -- Laminated solar photovoltaic glass for use in buildings -- Light transmittance measurement method

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