Solar glass film rate requirements

Window films can have Solar Heat Gain Coefficient (SHGC) and Visible Transmittance (VT) ratings by the National Fenestration Ratings Council (NFRC). The lower a film"s SHGC, the less solar heat it ...

Solar control window films are a fantastic DIY project for homeowners looking to improve the comfort of their homes and to save on energy costs. By understanding these three key performance ...

Discover how solar film performance varies by window type. A comprehensive guide for installers on optimizing energy efficiency, glare reduction, and UV protection.

An overall rule of thumb is that, when the window film"s solar energy absorption does not exceed 28% (measured following EN410 on 4mm glass), it is likely to be safe to install on the inside ...

Proposed Installation Information: Enter the proposed film type for installation, the building age, total window area, and the largest pane size. Please recommend only one film for each film to ...

The ratio of the difference in visible transmission of the glass before and after installing film to the visible transmission of the glass with no film. Expressed as a percentage and is determined by the ...

The TSER number is the amount of energy rejected when applied to glass, and typically the darker the film the better this number is. For instance, a 25% film will have an average TSER of ...

This specification is for an abrasion resistant solar control window film which when applied to the interior window surface will reduce the gain of solar heat energy through the window.

film is measured in microns with that same 1 mil film measuring 25 microns. Unless the product is going to be a safety film, standard window film widely uses 1 mil (25 micron)

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.

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