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Title: Which side of solar glass should be used

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Because the sun rises in the east and sets in the west, the side of the building that is utilized for solar gain needs to be facing the south to take maximum advantage of the sun's ...

In order to increase this you would need some solar input into the house. If the sun is straight up most of the time, not much of it can be expected to enter through vertical glass. With slanted ...

So how do you know which direction your solar panels should face? In this article, we break down the best direction for any goal and the aspects that influence that decision.

They need to be brightly reflecting toward the outside, so that solar radiation admitted through the glass is reflected by the shade back out through the window.

Solar panels should only be installed on the front of your house if it faces the southern half of the sky. In the U.S., the sun sits above the equator; therefore, solar panels that face south will ...

Acid etched glass, with the etched surface oriented to the #3 surface (easier maintenance), or a relatively flat rolled pattern glass like Pattern 62 with the pattern oriented to the #4 surfaces ...

Solar panels should face true south, not magnetic south. The difference between these directions, called magnetic declination, can vary ...

Generally, the south-facing windows should have a high solar heat gain coefficient of 0.55 or greater and a low U-factor of 0.35 or less to maximize heat gain and minimize heat loss.

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The strategic use of south-facing glass in passive solar buildings is both art and science. By carefully selecting the size, glazing type, and shading system for these windows, ...

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Solar panels should face true south, not magnetic south. The difference between these directions, called magnetic declination, can vary by up to 30 degrees depending on your ...

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