

OKAWOOD Insulating glass with timber insert

Outer pane

Thermally toughened glass according to static and/or construction requirements, with a minimum of mm.

Cavity I

18 mm with hermetic insulating glass edge seal according to German Standard DIN EN 1279. The timber insert must be free of moisture, volatile materials such as oil, grease, etc. This must be tested and verified by a Fogging Test according to German Standard EN 1279-4.

The timber must come from FSC-certified, sustainably managed forests.

The timber insert has a direction-selective g-value which is low when the solar altitude is high.

Middle pane

Thermally toughened glass according to static and/or constructive requirements, with a minimum of mm, with heat protection coating at position 3.

Cavity II

8 – 12 mm with hermetic insulating glass edge seal according to German Standard DIN EN 1279 and gas filling depending on the Ug-value requirement.

Inner pane

Thermally toughened glass according to static and/or constructive requirements, with at leastmm, with heat protection layer at position 5.

Technical data as required:

The structural values are to be verified by appropriate calculations and/or measurements.

Light transmission %
TSET %
Ug-value W/m²K