

Thermal Insulation

Plywood		GFRP-Foam	
Thickness	U-value	Thickness	U-value
[mm]	[W/(m ² .K)]	[mm]	[W/(m ² .K)]
18	3.60	25	1.14

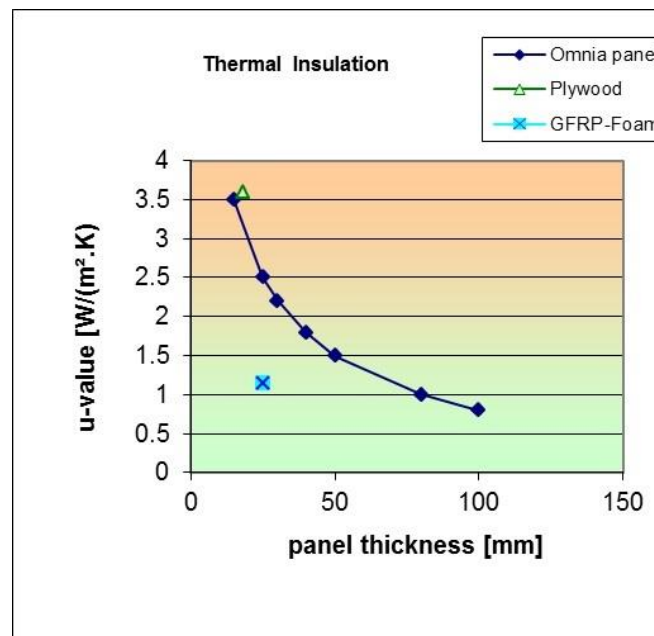
The tables show the thermal insulation values for the Omnia panel. For comparison, the values for plywood and typical foam-GFRP sandwich panel are given.

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Comparison

Omnia panel	
Thickness	U-value
[mm]	[W/(m ² .K)]
15	3.5
25	2.5
30	2.2
40	1.8
50	1.5
80	1.0
100	0.8

These values are indicative and valid for standard available face sheet thickness



The U-value is calculated according to DIN 4108