

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

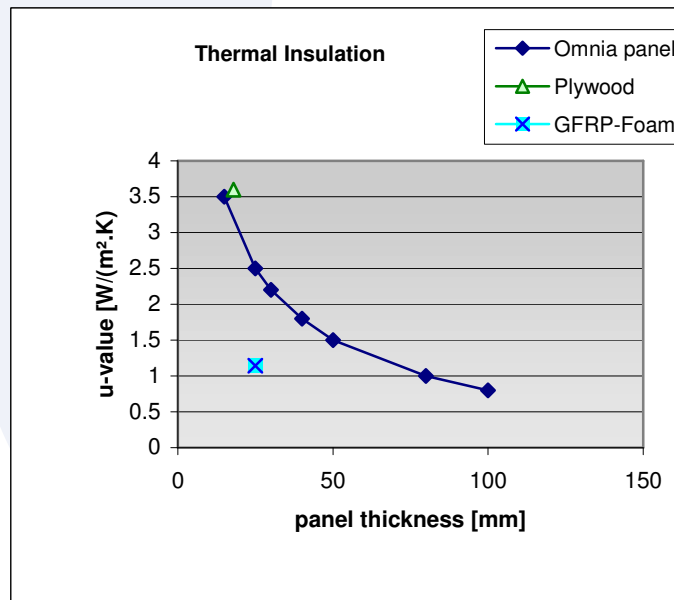
Thermal Insulation

Omnia panel	
Thickness [mm]	U-value [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

Comparison

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



The U-value is calculated according to DIN 4108.

The specifications in this data sheet represent the current state of our technical knowledge and its purpose is to inform about the Omnia Panel and its applications. The specifications therefore do not guarantee particular properties or suitability for a specific application. We reserve the right to make changes in accordance with technological processes and other developments. We guarantee faultless quality in accordance with our conditions of sale.