

The table shows the thermal insulation values for MonoPan®. For comparison, the values for plywood and a typical foam-FRP sandwich panel are added for reference.

Thermal Insulation

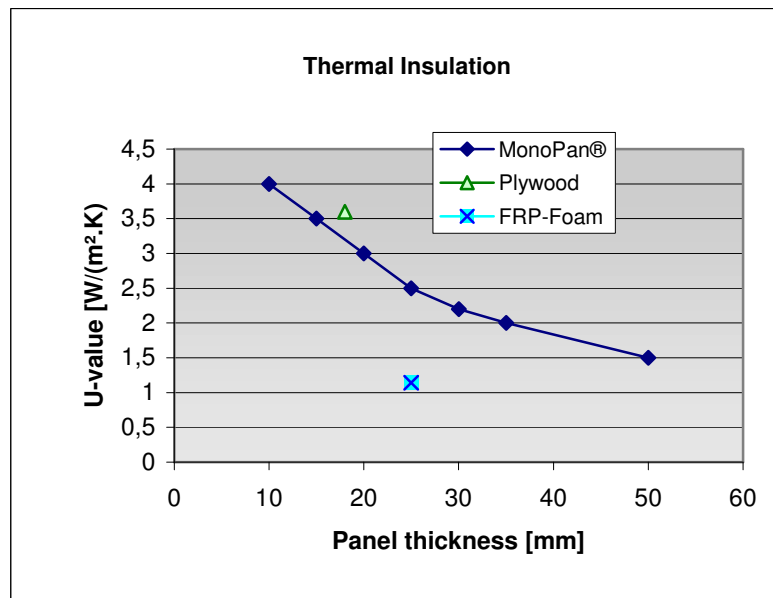
MonoPan®	
Thickness	U-value
[mm]	[W/(m².K)]
10	4
15	3,5
20	3
25	2,5
30	2,2
35	2
50	1,5

These values are indicative and can be used for every usual face sheet thickness

Comparison

Plywood	
Thickness	U-value
[mm]	[W/(m².K)]
18	3,60

FRP-Foam	
Thickness	U-value
[mm]	[W/(m².K)]
25	1,14



The U-value is calculated according to DIN 4108.

For applications, treatment and storage please pay attention to the „Technical Data Sheet“ of the manufacturer.

The specifications in this data sheet represent the current state of our technical knowledge and its purpose is to inform about MonoPan® 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.