

THERM PVC (foamed sheets) sandwich panels

Composition: foamed PVC/XPS/foamed PVC

Top layer – foamed PVC

Inner layer – XPS



Top layer - foamed PVC:

- white, low density PVC sheet, white colour,
- thickness: 1,0 mm,
- density: 600 – 700 [kg/m³] (ISO 1183),
- water absorption: < 1% (DIN 53495),
- fire rating: Cs3d0 (EN 13501-1)*.

* Test was made on PVC thickness 1 mm.

Inner layer - XPS:

- closed-cell structure extruded polystyrene (XPS) with grooves or without grooves, without HBCD,
- density: ≥ 33 [kg/m³] (EN 1602),
- thermal conductivity (λ): 0,034 [W/mK] (EN 13164),
- water absorption: < 1% (EN 12087),
- fire rating: E (EN 13501-1).



Technical specification:

Thickness ¹	[mm]	10	15	17	18	19	20	30
U value ²	[W/m ² K]	2,35	1,75	1,58	1,51	1,45	1,39	0,99
Weight ²	[kg/m ²]	1,8	1,9	2,0	2,0	2,4	2,1	2,6

¹ Tolerance: $\pm 0,5$ mm;

² Forecast value, determined by calculation method, based on average physico-mechanical properties of sandwich panel elements.

Sizes: 3050x2050; 3050x2030 mm

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