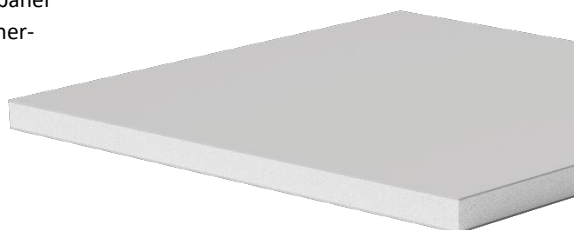


# FOAMED PVC sandwich panel

Composition: foamed PVC/XPS/foamed PVC

Foamed PVC sandwich panels are a lightweight and durable solution ideal for advertising applications. With foamed PVC as the outer layer, the panel is extremely easy to process, suitable for UV printing and highly weather-resistant.



## Sizes:

3050x2050; 3050x2030 mm

## Top layer - foamed PVC:

white, low density PVC sheet, white colour,  
thickness: 1,0 mm,  
density: 600 – 700 [kg/m<sup>3</sup>] (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/m<sup>3</sup>] (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 <sup>2</sup> K]	2,35	1,75	1,58	1,51	1,45	1,39	0,99
Weight 2	[kg/m <sup>2</sup> ]	1,8	1,9	2	2	2,4	2,1	2,6

<sup>1</sup> Tolerance: ± 0,5 mm;

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



Other sizes and thicknesses available on request. Other data regarding the product are available in the LB THERM Panel Using Sheet and in the General Terms and Conditions of Sales. Because of variety usage of our products, the company is not liable for physico-chemical parameters and properties in conditions different than standard, as well as interference in their original structure (painting, lacquering, coating by other materials etc.). This TDS is based on information that is believed to be reliable, but may be subject to change as new information become available. Modification and copying the contents of this document unless specifically authorized by LB THERM Sp. z o.o. are strictly prohibited.