PU WALL SANDWICH PANEL

EUROPANELS
PRODUCER OF SANDWICH PANELS

www.europanels.pl

POLTHERMA TS X

Overall width and thickness selection



PolTherma TS X is a wall sandwich panel with a core of rigid PU foam, fixed to the support structure with a fastener passing through the entire thickness of the panel (through). Its main advantages are high rigidity and strength, simplicity of installation, very favorable coverage width in mm:

1150 , 1130, 1100, 1000.

The use of a special gasket in the joint improves the tightness of the panels connection.

PolTherma TS X is an example of a classic sandwich panel using the latest polyurethane technology. PolTherma TS X is an excellent choice for agribusiness.

Available profiling:

- linear profiling – PolTherma TS X L
- micro profiling – PolTherma TS X M
- super-micro profiling – PolTherma TS X SM

PolTherma TS X panels can be mounted vertically as well as horizontally to various support structures: steel, wood, reinforced concrete.

PolTherma TS X sandwich panel – application

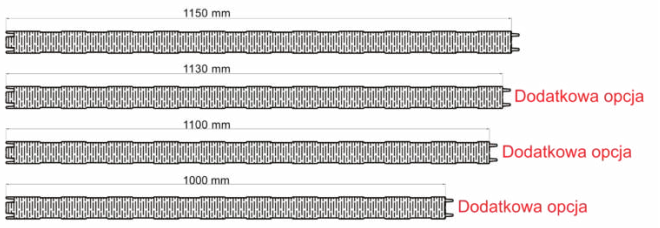
- Commercial facilities
- Industrial facilities
- Halls
- Agribusiness
- Logistics centers
- Warehouses

Technical data

Modular (coverage) width [mm].	**1150**, 1130, 1100, 1000
Default coverage width	1150

Core	Europan PU Wall System Core – rigid polyurethane foam, λ_D = 0.022 W/(m·K) at temp. +10°C, taking into account the effect of aging, in accordance with PN-EN 14509:2013-12

Technical drawings



Available board thicknesses [mm]	Thermal conductivity coefficient λ_D [W/(m·K)]	Heat transfer coefficient $U_{d,S}$ for profiling: M, L, SM, P [W/(m²·K)].	Weight 1 m² [kg].	Maximum number of panels in a package [pcs].
40	0,022	0,57	9,5	28
60	0,022	0,37	10,3	18
80	0,022	0,27	11,0	14
100	0,022	0,22	11,8	11-12
120	0,022	0,18	12,6	9
140	0,022	0,16	13,3	8
160	0,022	0,14	14,1	7
180	0,022	0,12	14,8	6
200	0,022	0,11	15,6	5 – 6

Profiling

External profiling

PolTherma TS X L



PolTherma TS X M



PolTherma TS X SM

