PU WALL SANDWICH PANEL

EUROPANELS
PRODUCER OF SANDWICH PANELS

www.europanels.pl

POLTHERMA TS

Excellent insulation and fire resistance of EI 30



PolTherma TS 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 (1130 mm) and the use of a special gasket at the joint, improving the tightness of the joint.

PolTherma TS is an example of a classic sandwich panel using the latest polyurethane technology. PolTherma TS is an excellent choice for agro-construction.

Greater resistance to thermal deformation for new profiling:

- Microcassette profiling 550 – PolTherma TS MK550

Available profiling:

- linear profiling – PolTherma TS L
- micro profiling – PolTherma TS M
- groove profiling – PolTherma TS R

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

PolTherma TS sandwich panel – application

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

Technical data

Modular (coverage) width [mm].	1130
Fire resistance	EI 15; EI 30

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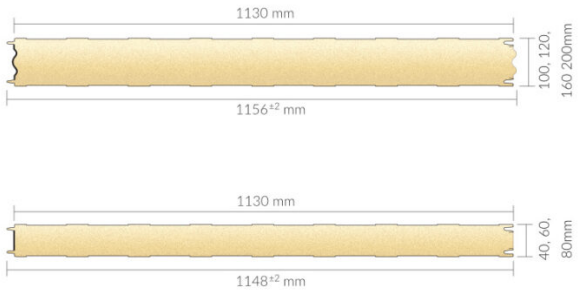
Core	Europan PU Wall System Core – rigid polyurethane foam, λ_D = 0.022 W/(m·K) at +10°C including the effect of aging, according to PN-EN 14509:2013-12

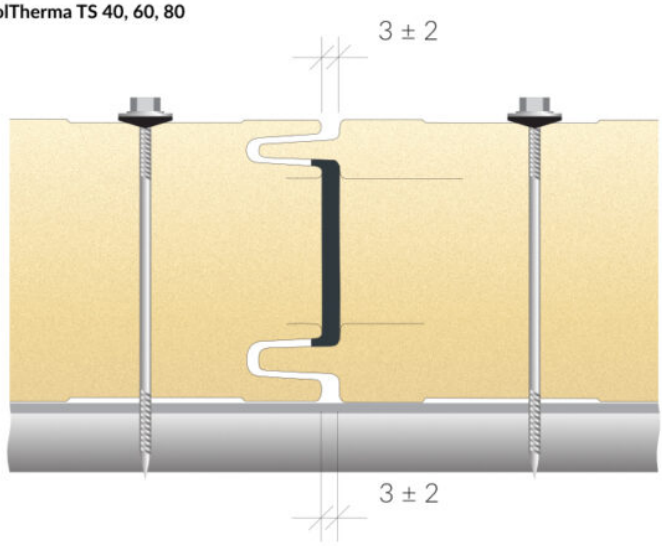
Technical drawings



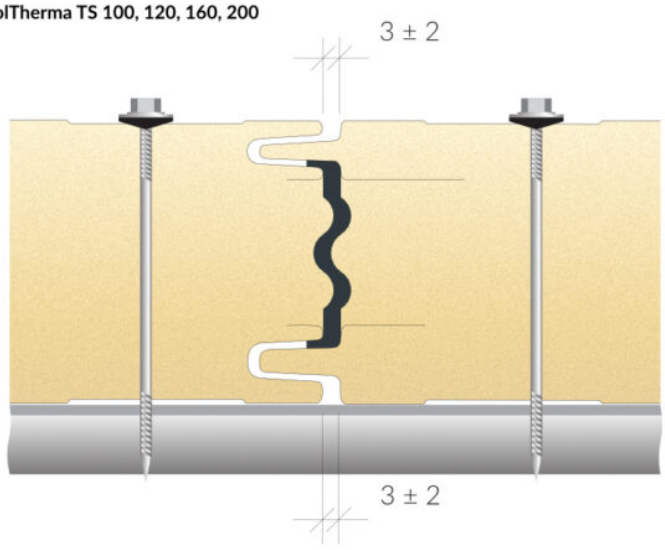
Available board thicknesses [mm]	Thermal Conductivity λ_D [W/(m·K)]	The heat transfer coefficient $U_{d,S}$ for profiling: M, R, L, P [W/(m²·K)].	The heat transfer coefficient $U_{d,S}$ for profiling: K, MK550 [W/(m²·K)].	Weight 1 m² [kg]	Maximum number of discs in a package [pcs].
40	0,022	0,58	0,71	10,4	28
60	0,022	0,37	0,42	11,2	18
80	0,022	0,28	0,30	11,9	14
100	0,022	0,22	0,24	12,7	11
120	0,022	0,18	0,20	13,5	9
160	0,022	0,14	0,14	15,1	7
200	0,022	0,11	0,11	16,5	5 – 6

Connections

PolTherma TS 40, 60, 80



PolTherma TS 100, 120, 160, 200



Profiling

External profiling

PolTherma TS MK550



PolTherma TS R



PolTherma TS L



PolTherma TS M

