



IzoWall EPS

Wall panel with expanded polystyrene core.
Visible screw fastening.

- 1 Profiled lining with a unique surface design.
- 2 Large bend radii guarantee durability of lining protective coatings.
- 3 Double panel lock guarantees leakproofness.
- 4 Profiled edges facilitate assembly.
- 5 EPS core.

Suitable for building external and internal walls of industrial buildings: production halls, storage buildings, commercial halls, shopping centres, farm facilities. Vertical or horizontal installation.

EPS core - expanded polystyrene, $\lambda = 0,040 \text{ W/m}^2\text{K}$.

Steel sheet lining with anticorrosive protection depending on the intended use.

Mechanical properties														
thickness	50*	60*	75*	80	100*	120	125*	140	150*	160	175	180	200*	250*
modular width [mm]	1150													
total width [mm]	modular width +18 mm													
length [mm]	2000 - 13000**													
weight 0,5/0,4 [kg/m ²]	8,4	8,6	8,8	8,9	9,2	9,5	9,6	9,8	9,9	10,1	10,3	10,4	10,7	11,4
weight 0,5/0,5 [kg/m ²]	9,3	9,4	9,7	9,7	10,0	10,3	10,4	10,6	10,8	10,9	11,2	11,3	11,5	12,3
Insulating power														
U [W/m ² K]	0,74	0,62	0,51	0,46	0,38	0,31	0,31	0,27	0,26	0,24	0,22	0,21	0,20	0,16
Burning behaviour														
reaction to fire	-													
fire propagation	NRO													
Acoustic properties														
acoustic resistance coefficient:														
R _w [dB]	NPD													
R _{A1} [dB]	NPD													
R _{A2} [dB]	NPD													
acoustic absorption coefficient α_w	-													
Leakproofness														
Air permeability	$\leq 1,5 \text{ m}^3/\text{h} \cdot \text{m}^2$ at pressure difference of 50 Pa													
Blowing rain resistance	A class - absolute leakproofness at 1,200 Pa													

* AT-15- 5340/2014 applies to sandwich panels with panel thickness of: 50, 60, 75, 100, 125, 150, 200, 250 [mm]

** maximum length depending on the panel colour – see the "Tips for colour selection" section

Sandwich panels are manufactured according to Technical Approval AT-15-5340-2014*