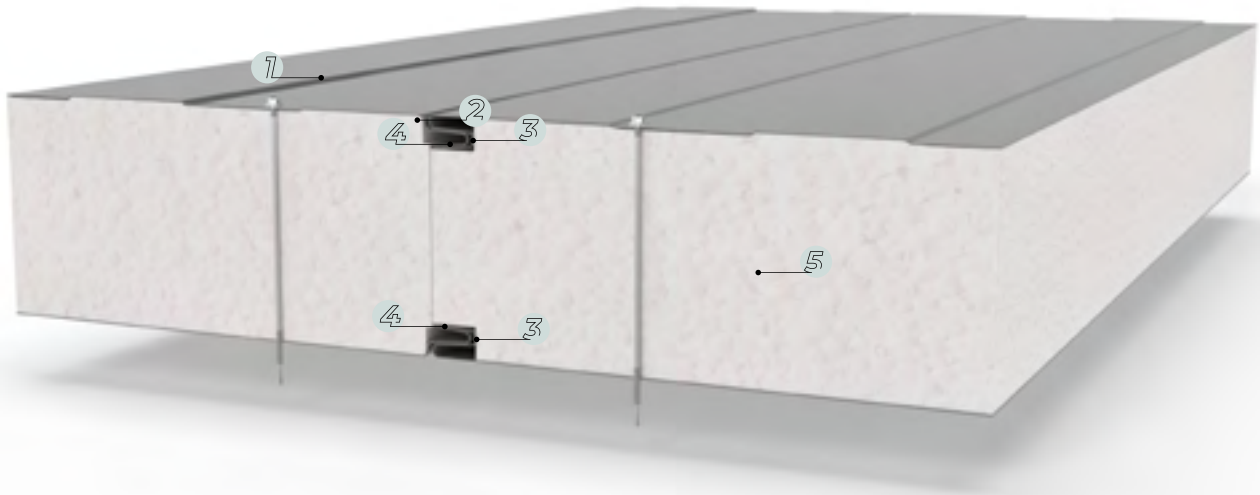
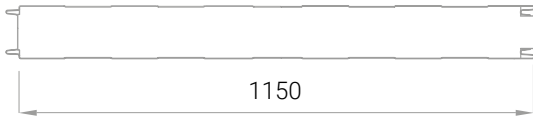


# IzoWall EPS

Wall panel with expanded polystyrene core.  
Visible screw fastening.



1 Profiled lining with a unique surface design.

4 Profiled edges facilitate assembly.

2 Large bend radii guarantee durability of lining protective coatings.

5 EPS core.

3 Double panel lock guarantees leakproofness.

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

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

- production halls
- storage buildings
- commercial halls
- shopping centres
- farm facilities

Suitable for building external and internal walls of industrial buildings.

Vertical or horizontal installation.

## Mechanical properties

<i>thickness [mm]</i>	50	75	100	125	150	200	250
<i>modular width [mm]</i>	1150						
<i>total width [mm]</i>	modular width +18 mm						
<i>length [mm]</i>	2000 - 13000*						
<i>weight 0,5/0,4 [kg/m<sup>2</sup>]</i>	8,4	8,8	9,2	9,6	9,9	10,7	11,4
<i>weight 0,5/0,5 [kg/m<sup>2</sup>]</i>	9,3	9,7	10,0	10,4	10,8	11,5	12,3

## Insulating power

<i>U [W/m<sup>2</sup>K]</i>	0,74	0,51	0,38	0,31	0,26	0,20	0,16
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## Burning behaviour

<i>reaction to fire</i>	E
<i>fire propagation</i>	NRO

## Acoustic properties

<i>acoustic resistance coefficient:</i>	
<i>R<sub>w</sub> [dB]</i>	NPD
<i>R<sub>A1</sub> [dB]</i>	NPD
<i>R<sub>A2</sub> [dB]</i>	NPD
<i>acoustic absorption coefficient α<sub>w</sub></i>	-

## Leakproofness

<i>Air permeability</i>	NPD
<i>Blowing rain resistance</i>	NPD
<i>Corrosion resistance</i>	External claddings: RC3, internal claddings: RC2 **

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

\*\* The RC2 corrosion resistance class refers to standard corrosion protection used only on internal cladding. Higher corrosion resistance category on special order