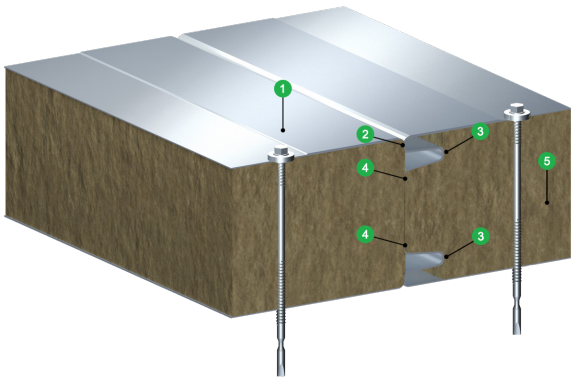
IzoWall MWF

Sandwich panel for walls with mineral wool 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 best fire resistance properties.
4. Profiled edges facilitate assembly and ensure proper thermal insulating power.
5. Core made of hard incombustible mineral wool (MWF).

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

Mineral wool core, λ = 0,040 W/m*K.

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

Mechanical properties									
thickness	60	80	100	120	140	150	160	175	200
modular width [mm]	1150								
total width [mm]	modular width +18 mm								
length [mm]	2000 - 13000*								
weight 0,5/0,5 [kg/m^2]	15,4	17,6	19,8	22,0	24,2	25,3	26,4	28,0	30,8
weight 0,5/0,6 [kg/m^2]	16,2	18,4	20,6	22,8	25,0	26,1	27,2	28,9	31,6
weight 0,6/0,6 [kg/m^2]	17,1	19,3	21,5	23,7	25,9	27,0	28,1	29,8	32,5
Insulating power									
U [W/m^{2}K]	0,64	0,48	0,39	0,33	0,28	0,26	0,23	0,22	0,20
Burning behaviour									
fire resistance	-	EI 45	EI 60			EI 120			
reaction to fire	A2-s1, d0								
fire propagation	NRO								
Acoustic properties									
acoustic resistance coefficient:									
R_w [dB]	31								
R_{A1} [dB]	30								
R_{A2} [dB]	28								
acoustic absorption coefficient α_w	0,15								
Leakproofness									
Air permeability: pressure	n = 0,8388, C = 0,0116								
Air permeability: suction	n = 1,1072, C = 0,0074								
Air permeability	Absolute leakproofness at pressure difference of -50/+50 Pa								
Blowing rain resistance	A class - absolute leakproofness at 1,200 Pa								

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

Panels are manufactured in accordance with PN-EN 14509:2013 and have the CE mark