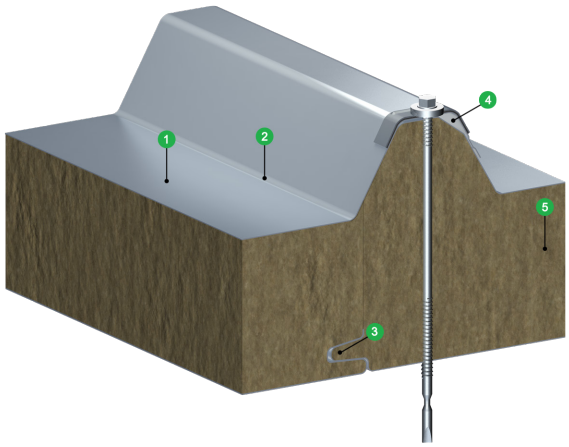
IzoRoof MWF

Roof sandwich panel with mineral wool core. High surface profile.



1. Profiled lining with a unique surface design.
2. Large lining bend radius guarantees durability of the protective coating.
3. Capillary action preventing chamber.
4. Core made of hard incombustible mineral wool (MWF).
5. Profiled edges guarantee tightness of joint

Suitable for roofs of industrial buildings: production halls, storage buildings, commercial halls, shopping centres, farm facilities.

Mineral wool core, $\lambda = 0{,}040$ 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]	1080								
total width [mm]	modular width +74 mm								
length [mm]	2000 - 13000*								
weight 0,5/0,5 [kg/m^2]	15,6	17,8	20,0	22,2	24,4	25,5	26,6	28,3	31,0
weight 0,5/0,6 [kg/m^2]	16,5	18,7	20,9	23,1	25,3	26,4	27,5	29,2	31,9
weight 0,6/0,6 [kg/m^2]	17,4	19,6	21,8	24,0	26,2	27,3	28,4	30,1	32,8
Insulating power									
U [W/m^{2}K]*	0,63	0,48	0,39	0,33	0,28	0,26	0,25	0,23	0,20
Burning behaviour									
fire resistance	-	REI 60							
reaction to fire	A2-s1, d0								
fire propagation	B_{ROOF} (t_1)								
Acoustic properties									
acoustic resistance coefficient:									
R_w [dB]	32								
R_{A1} [dB]	31								
R_{A2} [dB]	28								
acoustic absorption coefficient α_w	0,15								
Leakproofness									
Air permeability : presure	n = 0,6662, C = 0,0177								
Air permeability : suction	n = 1,2430, C = 0,0044								
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