



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, $\lambda = 0,040 \text{ W/m}^{\circ}\text{K}$.

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  mark