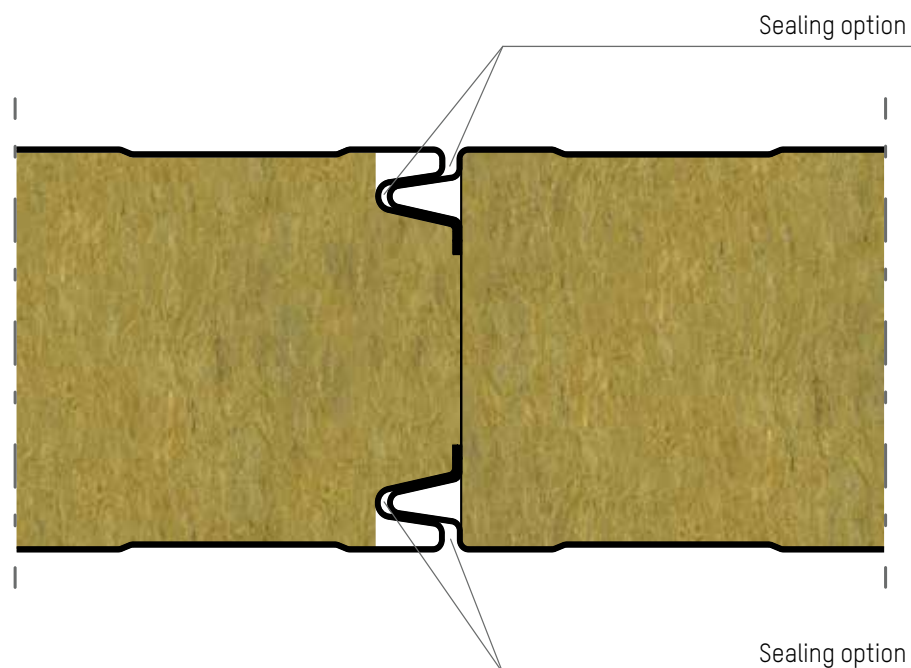
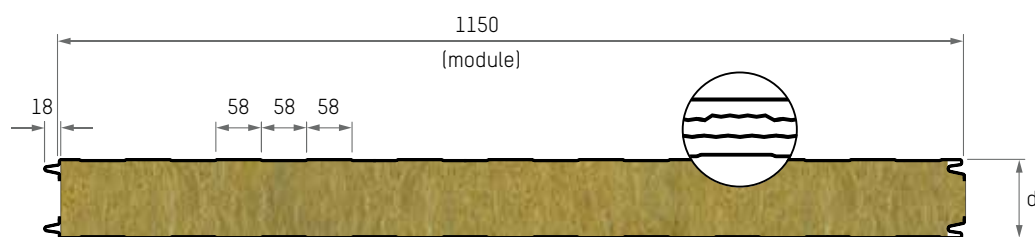


Quick-assembly MW insulating panel, type FP for industrial buildings with stricter fire safety requirements



- 4 different surface profile variants
- Both vertical and horizontal assembly possible
- Available in two different volume weights, according to the particular application
- Quick and easy assembly
- Similar fit for facade construction and internal walls
- Module width 1.150 mm
- Insulation thicknesses 60, 80, 100, 120, 140, 150, 170, 200, 240 mm

Quick-assembly MW insulating panel, type FP with internal and external steel cladding



Cladding layers	Coil galvanized and coated sheet steel with organic coating materials, further cladding layers are available on request
Surface finishes	
Standard:	External and internal face: profiled (58 mm)
Optional:	One or both faces smooth, resp. one face microprofiled (14 mm) or w-profiled (58/14 mm)
Insulating core	Mineral wool, fiber-adjusted, water-repellent and non-flammable A1 Density FP eco: 90 kg/m ³ , FP: 120 kg/m ³
Fire tests	ⓔ Euro class A2-s1, d0 according to EN 13501-1
Fire resistance	Approval Z-19.52-2187 of the DIBt Berlin FP120-EI 90 (vertical/horizontal, 0.6/0.6) according to EN 13501-2
Approval	Notification of approval ABg Z-10.49-836 resp. ABg Z-10.49-837 of the DIBt Berlin in accordance with DIN EN 14509 (CE marking)
Available lengths	Up to 16m, depending on panel thickness
Production tolerances	In accordance with DIN EN 14509
Sound insulation	FP eco approx. 31 dB and FP approx 32 dB for all panel thicknesses
Statics	See our span tables

Panel type		FP060	FP080	FP100	FP120	FP140	FP150	FP170	FP200	FP240
Density	kg/m ³	120								
Panel thickness	mm	60	80	100	120	140	150	170	200	240
Cladding layer thickness										
External	mm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Internal	mm	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Panel weight approx.	kg/m ²	16.5	18.9	21.3	23.7	26.1	27.4	29.7	33.3	38.1
U-value acc. to EN 14509 with joint	W/(m ² ·K)	0.736	0.550	0.441	0.368	0.317	0.296	0.261	0.222	0.186
Panel type		FP eco 060	FP eco 080	FP eco 100	FP eco 120	FP eco 140	FP eco 150	FP eco 170	FP eco 200	FP eco 240
Density	kg/m ³	90								
Panel weight approx.	kg/m ²	14.7	16.5	18.3	20.1	21.9	22.8	24.6	27.3	30.9
U-value acc. to EN 14509 with joint	W/(m ² ·K)	0.648	0.482	0.386	0.322	0.276	0.258	0.228	0.194	0.162

* No application approval for Germany (D)