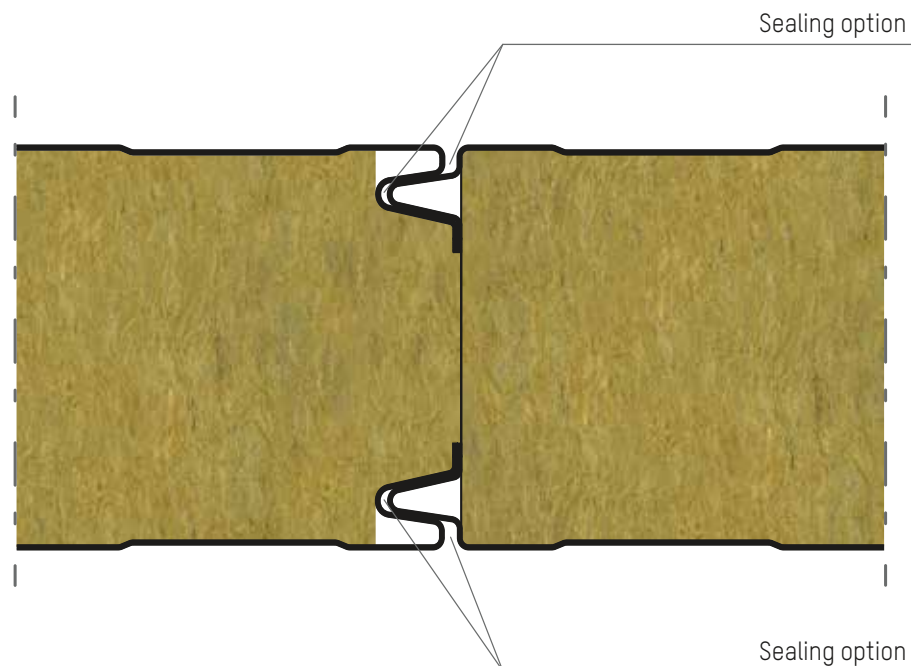


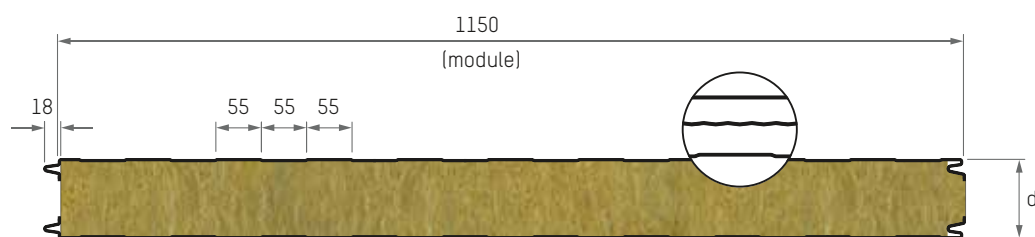
Quick-assembly insulating panel, type FP

for industrial buildings with stricter fire safety requirements



- 3 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 1150mm
- Insulation thicknesses 60, 80, 100, 120, 140, 170, 200, 240mm

Quick-assembly 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 (55mm)
Extra charge: One or both faces smooth or one face microprofiled (14mm)

Insulating core Mineral wool, fiber-adjusted, water-repellent and non-flammable A1
 Density FP: 100kg/m³, FP+: 135kg/m³

Fire tests  Euro class A2-s1, d0
 FM Approval

Fire resistance* acc. to classification report FP060-EI45; FP080-EI90; FP100-EI120 (4m, vertical)

Fire resistance D FP100-EI30; FP100-EI60 (4m, vertical); FP100-EI90 (3m, vertical)

Approval Notification of approval Z-10.49-511 and Z-19.52-2187 (Fire resistance) of the DIBt Berlin in accordance with DIN EN 14509 (CE marking)

Available lengths Up to 15m, depending on panel thickness

Production tolerances In accordance with DIN EN 14509

Sound insulation Approx. 30dB for all panel thicknesses

Statics See our span tables

Panel type		FP060	FP080	FP100	FP120	FP140	FP170	FP200	FP240
Density	kg/m ³	100							
Panel thickness	mm	60	80	100	120	140	170	200	240
Cladding layer thickness									
External	mm	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
Panel weight approx.	kg/m ²	15.3	17.3	19.3	21.3	23.3	26.3	29.3	33.3
U-value acc. to EN 14509 with joint	W/(m ² ·K)	0.701	0.521	0.417	0.347	0.298	0.246	0.209	0.175
Panel type		FP+060	FP+080	FP+100	FP+120	FP+140	FP+170	FP+200	FP+240
Density	kg/m ³	135							
Panel weight approx.	kg/m ²	17.4	20.1	22.8	25.5	28.2	32.2	36.3	41.7
U-value acc. to EN 14509 with joint	W/(m ² ·K)	0.760	0.566	0.453	0.378	0.325	0.268	0.228	0.191

* No application approval for Germany (D)