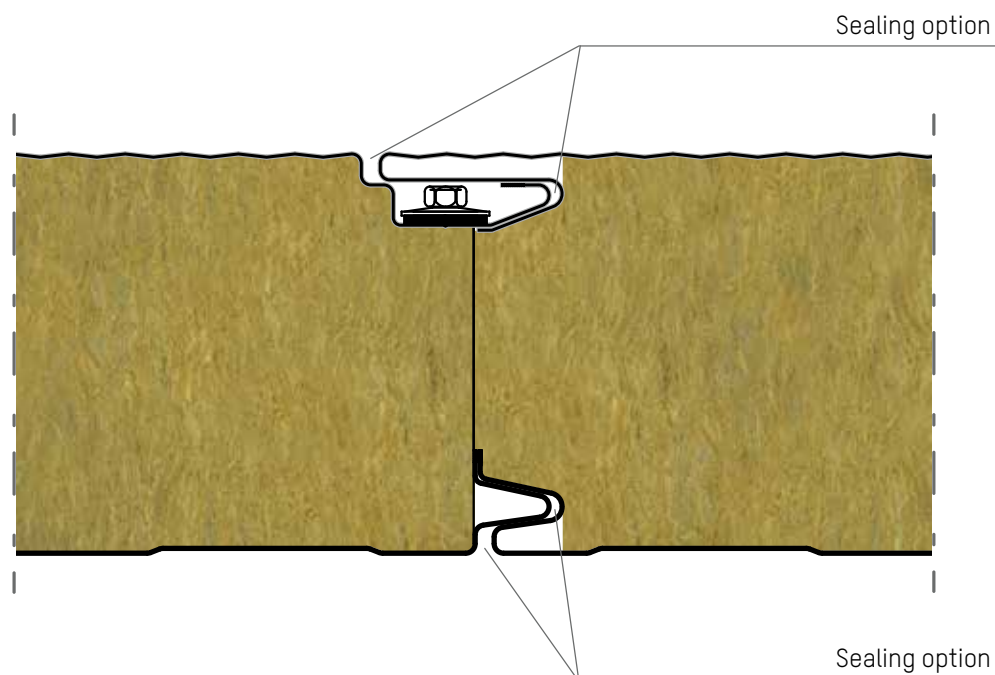
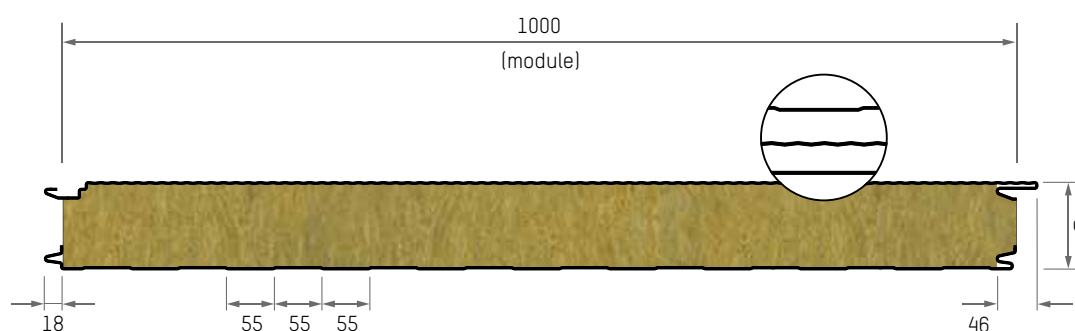


Quick-assembly insulating panel, type FV for high-quality exclusive panel construction



- Exclusive facade with hidden joints
- 3 different surface profile variants
- Available in two different volume weights, as required per application
- Quick and easy assembly
- Vertical or horizontal assembly possible
- Module width 1000mm
- Insulation thicknesses 60, 80, 100, 120, 140, 150, 170, 200, 240mm

Quick-assembly insulating panel, type FV with external and internal 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 face: microlined (14mm), Internal face: profiled (55mm)


Optional: External face: profiled (55mm) or smooth, internal face: smooth

Insulating core

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

Fire tests

 Euro class A2-s1, d0

 FM Approval

Fire resistance* acc. to classification report

FV+060-EI30; FV+100-EI120; (4m, vertically)

Approval

Notification of approval Z-10.49-511 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		FV060	FV080	FV100	FV120	FV140	FV150	FV170	FV200	FV240
Density	kg/m ³	100								
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	15.6	17.6	19.6	21.6	23.6	24.6	26.6	29.6	33.6
U-value acc. to EN 14509 with joint	W/(m ² ·K)	0.798	0.544	0.427	0.354	0.303	0.282	0.248	0.211	0.175
Panel type		FV+060	FV+080	FV+100	FV+120	FV+140	FV+150	FV+170	FV+200	FV+240
Density	kg/m ³	135								
Panel weight approx.	kg/m ²	17.7	20.4	23.1	25.8	28.5	29.6	32.6	36.6	42.0
U-value acc. to EN 14509 with joint	W/(m ² ·K)	0.865	0.591	0.465	0.385	0.330	0.308	0.271	0.230	0.191

*No application approval for Germany