

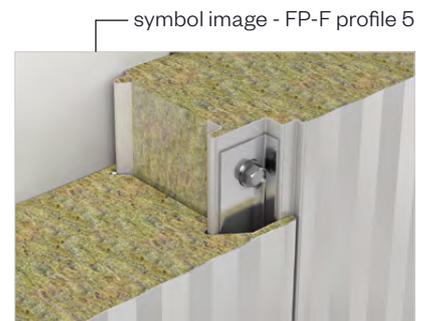
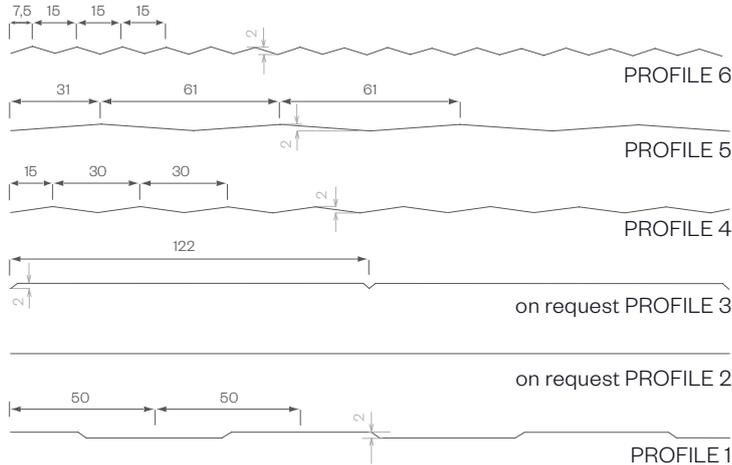
# BRUCHA panel FP-F

facade concealed fastened

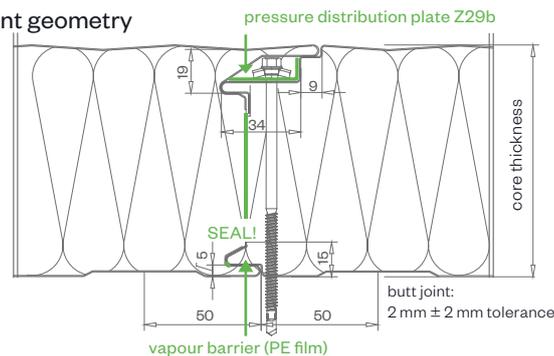


fire protection

## exterior PROFILE options - close-up



## DETAIL/joint geometry



PANEL TYPE	FP-F 60	FP-F 80	FP-F 100	FP-F 120	FP-F 140	FP-F 150	FP-F 160	FP-F 180	FP-F 200	FP-F 240
core thickness mm	60	80	100	120	140	150	160	180	200	240
U-value W/m <sup>2</sup> K - EN 14509 including joint section	0.781	0.540	0.427	0.355	0.305	0.285	0.267	0.237	0.214	0.178
weight kg/m <sup>2</sup>	16.38	18.78	21.18	23.58	25.98	27.18	28.38	30.78	33.18	37.98
fire resistance*	NPD	EI 90	EI 90	EI 120						

\*Certificates must be checked for the usage case in question (horizontal/vertical/span width etc.).

### MANUFACTURING TOLERANCES

in line with EN 14509

### SOUND INSULATION

32 dB (frequency dependent)

### MANUFACTURING LENGTHS

max. 15.9 m (extra-long transport from 13.6 m) ATTENTION! Danger of kinking due to heavy weight in the case of long panels!

### SPAN WIDTH TABLES

according SandStat. calculation

### FIRE BEHAVIOR

in line with EN 13501-1, Euroclass A2s1d0, **non-combustible**





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DESIGN AND SURFACES Standard - coil-coated, hot-dip galvanised steel sheet

### EXTERIOR

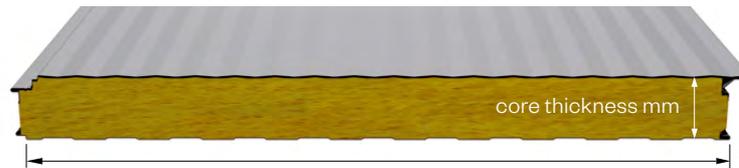
- Exposed side 25 µm polyester coating with a PVC protective film (not UV-resistant - protect from direct sunlight).  
The film must be removed before installation or immediately afterwards.
- profile 1 = Standard, for other profiles see FP-F PROFILE options
- metal gauge: 0.6 mm (smaller metal gauge on request)

### INTERIOR

- Exposed side 25 µm polyester coating with a PVC protective film (not UV-resistant - protect from direct sunlight).  
The film must be removed before installation or immediately afterwards.
- profile 1 = standard (profile 2 and 3 on request)
- metal gauge: 0.6 mm (smaller metal gauge on request)

### INSULATION CORE

- structural, web-oriented mineral fibre wool
- securely attached to the sheet steel shell
- density approx. 120 kg/m<sup>3</sup>, 140 kg/m<sup>3</sup> available on request



construction width 1100 mm  
(1000 mm special width on request)

### STANDARD COLORS

in accordance with BASIC color range

### PANEL CONNECTION

**Tongue and groove system** in which the special labyrinth profile allows the screw head to be countersunk and fully covered by the next panel – **covered, concealed mounting**. BRUCHA panel FP-F with mineral wool core can be combined with BRUCHA panel FP with PIR/polyurethane core using an adaptor panel.

### TENDER TEXT

download from: [bruchacom](http://bruchacom)

### EXTERNAL MONITORING

National and international tests and quality standards. We will send the certificates on request.

### VAPOUR DIFFUSION

Determined by climatic conditions inside building. Panels must be installed vapour tight.

### PANEL INSTALLATION

When working with our products, please follow our installation guidelines at [bruchacom](http://bruchacom)/downloads.



[bruchacom](http://bruchacom)

