

Fire protection cladding FP-F

Concealed mounting

Standard DESIGN AND SURFACES

Coil-coated, hot-dip galvanised steel sheet

EXTERIOR:	<ul style="list-style-type: none">Exposed side 25 µm polyester coating with a PVC protective film (protects against solar radiation). The film must be removed no later than 10 weeks after the production date (visible on the longitudinal joint of the panel).Profile 5 = Standard, for other profiles see FP-F profilesMetal gauge: 0.6 mm (smaller metal gauge on request)
INTERIOR:	<ul style="list-style-type: none">Exposed side 25 µm polyester coating with a PVC protective film (protects against solar radiation). The film must be removed no later than 10 weeks after the production date (visible on the longitudinal joint of the panel).Profile 1 = standard (profile 2 and 3 on request)Metal gauge: 0.6 mm (smaller metal gauge on request)
INSULATION CORE:	<ul style="list-style-type: none">Structural, web-oriented mineral fibre woolSecurely attached to the sheet steel shellDensity approx. 120 kg/m³, 140 kg/m³ available on request
FIRE BEHAVIOUR:	<ul style="list-style-type: none">In accordance with EN 13501-1, Euroclass A2s1d0, non-combustible
EXTERIOR AND INTERIOR STANDARD COLOURS:	<ul style="list-style-type: none">In accordance with BASIC colour range
PANEL CONNECTION:	<ul style="list-style-type: none">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.
SPECIFICATIONS:	Download from www.brucha.com
EXTERNAL MONITORING:	National and international tests, quality standards
VAPOUR DIFFUSION:	<ul style="list-style-type: none">Determined by climatic conditions inside building. Panels must be installed vapour tight.
PANEL INSTALLATION:	<ul style="list-style-type: none">When working with our products, please follow our installation guidelines at www.brucha.com/downloads.

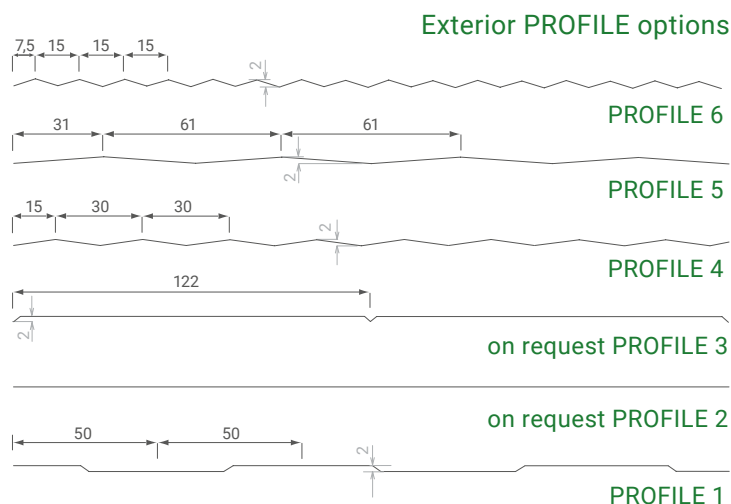
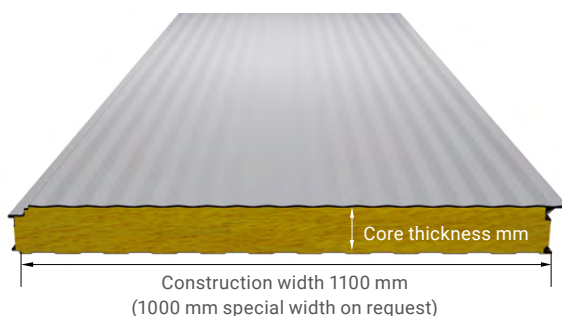


We will be happy to send certificates on request!

BRUCHAPaneel®

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BRUCHAPaneel panel FP-F with mineral wool core can be combined with BRUCHAPaneel FP with polyurethane core using an adaptor panel.

Panel type	FP-F60	FP-F80	FP-F100	FP-F120	FP-F140	FP-F150	FP-F160	FP-F180	FP-F200	FP-F240
Core thickness mm	60	80	100	120	140	150	160	180	200	240
U value W/m ² K - EN 12667 including joint section	0.62	0.48	0.39	0.33	0.28	0.26	0.25	0.22	0.20	0.17
U value W/m ² K - EN 14509 including joint section	0.67	0.51	0.42	0.35	0.30	0.28	0.27	0.24	0.22	0.18
Weight kg/m ²	17.8	20.2	22.6	25.0	27.4	28.6	29.8	32.1	34.6	39.3
Fire resistance*	-	EI 90	EI 90	EI 120	EI 120	EI 120	EI 120	EI 120	EI 120	EI 120

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

Detail/joint geometry

Manufacturing tolerances:	In line with EN 14509
Manufacturing lengths:	Max. 15.6 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:	From Dr Wilhelm Pilgram – Vienna
Sound insulation:	32 dB (frequency dependent)
Fire behaviour:	In line with EN 13501-1, Euroclass A2s1d0, non-combustible

