

BRUCHA[®]Paneel[®]

PIR+ Facade – FP

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 PROFILE optionsMetal 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: 0.5 mm (smaller metal gauge on request)
INSULATION CORE:	<ul style="list-style-type: none">PIR+/polyurethane rigid foam manufactured in continuously foamed process with reduced thermal conductivity of 0.019 W/mK, approx. 95 % closed cells, securely attached to the steel sheetDensity approx. 40 kg/m³, absolutely no chlorofluorocarbons or halogenated chlorofluorocarbons – pentane foam process
FIRE BEHAVIOUR:	<ul style="list-style-type: none">In line with EN 13501-1, Euroclass Bs1d0
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. The integrated seals guarantee maximum wind proofing. The panels interlink precisely with no thermal bridge.
SPECIFICATIONS:	Download from www.brucha.com
EXTERNAL MONITORING:	National and international tests, quality standards

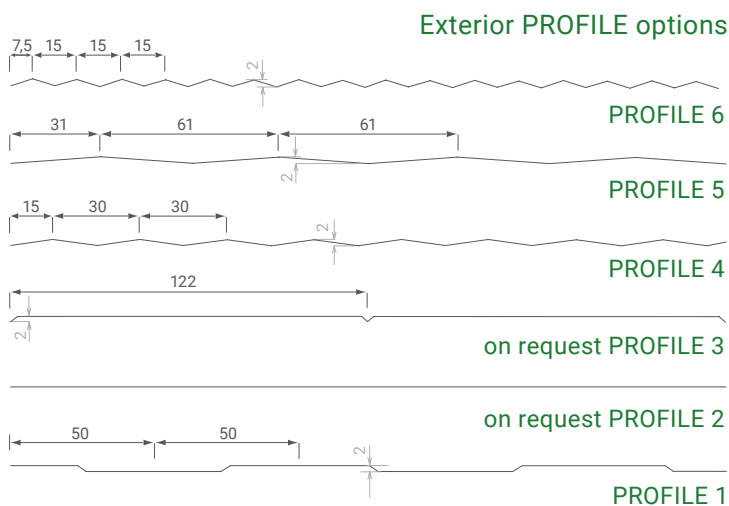
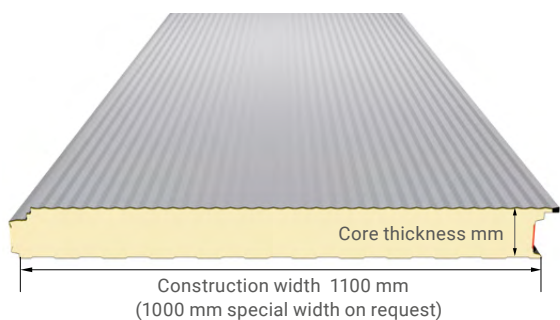


We will be happy to send certificates on request!

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

Panel type	FP 60	FP 80	FP 100	FP 120	FP 140	FP 150	FP 160
Core thickness mm	60	80	100	120	140	150	160
U-value W/m²K - EN 14509 including joint section	0.375	0.288	0.225	0.186	0.159	0.148	0.138
Weight kg/m²	13.2	13.8	14.6	15.4	16.2	16.8	17.0

Detail/joint geometry

Manufacturing tolerances:	In line with EN 14509
Manufacturing lengths:	Max. 16.0 m (extra-long transport from 13.6 m)
Span width tables:	From Dr Wilhelm Pilgram – Vienna
Sound insulation:	26 dB at 60/80 mm, 27 dB from 100 mm core thickness
Temperature resistance:	90°C

