

## PIR+ Facade Premium SELECT – FP-P-S

Concealed mounting

### Standard DESIGN AND SURFACES

Coil-coated, hot-dip galvanised steel sheet

EXTERIOR:	<ul style="list-style-type: none"><li>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).</li><li>Profiles 2, 5 and 6, making a total of 19 different profile combination options</li><li>Metal gauge: 0.236in (smaller metal gauge on request)</li></ul>
INTERIOR:	<ul style="list-style-type: none"><li>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).</li><li>Profile 1 = standard (profile 2 and 3 on request)</li><li>Metal gauge: 0.196in (smaller metal gauge on request)</li></ul>
INSULATION CORE:	<ul style="list-style-type: none"><li>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 sheet</li><li>Density approx. 2.5 lb/ft<sup>3</sup>, absolutely no chlorofluorocarbons or halogenated chlorofluorocarbons – pentane foam process</li></ul>
FIRE BEHAVIOUR:	<ul style="list-style-type: none"><li>In line with EN 13501-1, Euroclass Bs1d0</li></ul>
STANDARD COLOURS:	<ul style="list-style-type: none"><li>In accordance with BASIC colour range</li></ul>
PANEL CONNECTION:	<ul style="list-style-type: none"><li>Double 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. The PREMIUM SELECT facade panel offers outstanding structural characteristics, as well as enabling even greater span widths through the use of the pressure distribution plate.</li></ul>
SPECIFICATIONS:	Download from <a href="http://www.brucha.com">www.brucha.com</a>
EXTERNAL MONITORING:	National and international tests, quality standards

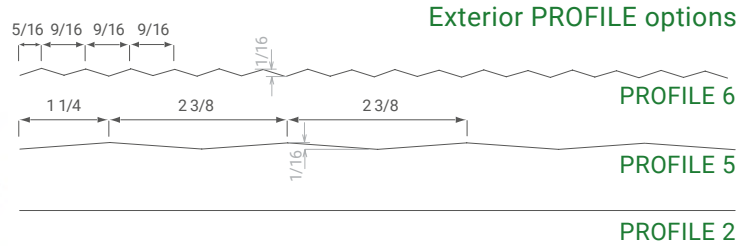


We will be happy to send certificates on request!

# BRUCHA<sup>®</sup>Panel

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### Exterior PROFILE combination options

VARIANTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Profile pair	2	2 and 6					2 and 5					5 and 6							
<b>right</b>	2	2	2	6	2	6	6	2	2	5	2	5	5	5	5	6	6	5	6
PANEL ORIENTATION	2	2	6	2	6	2	6	2	5	2	5	2	5	5	6	5	5	6	6
<b>left</b>	2	6	2	2	6	6	2	5	2	2	5	5	2	6	5	5	6	6	5

Panel type	FP-P 80	FP-P 100	FP-P 120	FP-P 140	FP-P 160	FP-P 180	FP-P 200
Core thickness (inches)	3 1/4	3 15/16	4 3/4	5 1/2	6 5/16	7 1/16	7 7/8
R-Value ((sq ft • °F • hr)/BTU; incl. joints)	19.7	25.2	30.5	35.7	40.6	47.3	51.6
Weight (lb/sq ft)	2.83	2.99	3.16	3.32	3.48	3.65	3.81

### Detail/joint geometry

<b>Manufacturing tolerances:</b>	In line with EN 14509
<b>Manufacturing lengths:</b>	Max. 52 1/2ft (extra-long transport from 44 5/8 ft)
<b>Span width tables:</b>	From Dr Wilhelm Pilgram – Vienna
<b>Sound insulation:</b>	26 dB at 3 1/8in, 27 dB from 3 15/16in core thickness
<b>Temperature resistance:</b>	194°F

