

# BRUCHA<sup>®</sup>Paneel

## PIR+ Facade wave – FP-W

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>Metal gauge: 0.6 mm (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: 0.5 mm (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. 40 kg/m<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>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.</li></ul>
SPECIFICATIONS:	Download from <a href="http://www.brucha.com">www.brucha.com</a>
EXTERNAL MONITORING:	National and international tests, quality standards



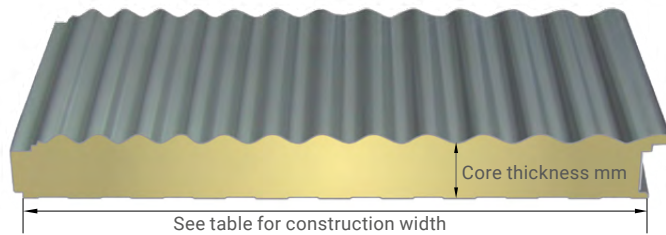
We will be happy to send certificates on request!



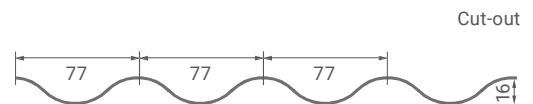
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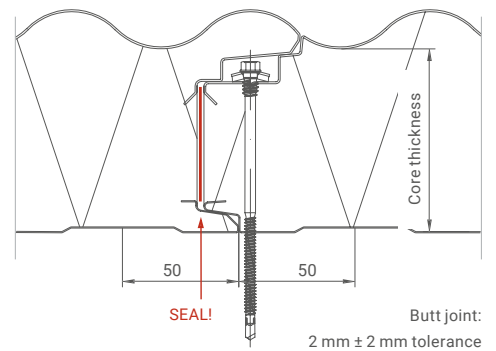


### Exterior WAVE PROFILE



Panel type	FP-W 60	FP-W 80	FP-W 100
Core thickness mm	60	80	100**
Construction width mm	999	997	995
U-value W/m²K in line with EN 14509 including joint section	0.310	0.255	0.195
Weight kg/m²	12.8	13.6	14.4

### Detail/ Joint geometry



<b>Manufacturing tolerances:</b>	In line with EN 14509
<b>Manufacturing lengths:</b>	Max. 16.0 m (extra-long transport from 13.6 m)
<b>Sound insulation:</b>	26 dB at 60/80 mm, 27 dB from 100 mm core thickness
<b>Temperature resistance:</b>	90°C

