

Europanel® Range

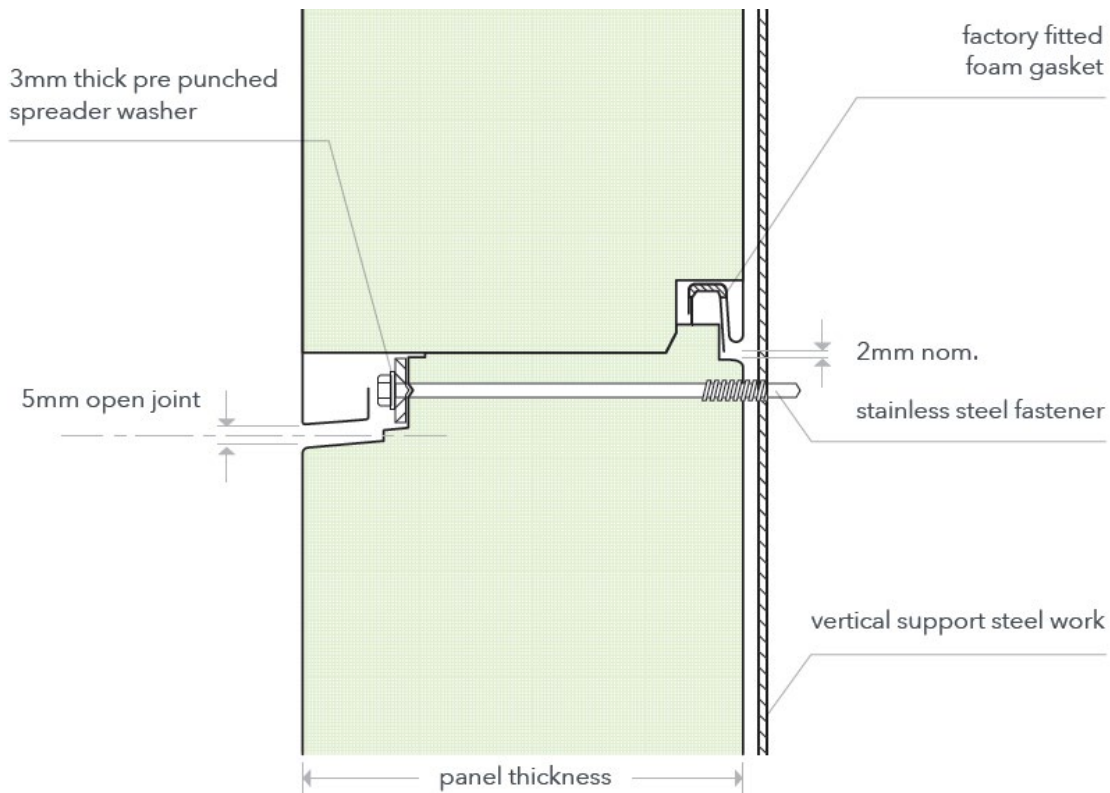
Product Data Sheet

Europanel F5 Extra
Europanel S5 Extra

Europanel® Range – Product Data Sheet

Application

The Europanel Range is a secret-fix insulated sandwich wall panel used as a building solution where specific fire performance and acoustic requirements apply. Finished with flat or satin line profile, it can also be offered with a distinctive V-Groove profile that can be installed both vertically and horizontally across the building façade.



Product Tolerances

Product Tolerances to EN14509:2013

Length	$\leq 3\text{m} = \pm 5\text{mm}$, $> 3\text{m} = \pm 10\text{mm}$
Width	$\pm 2\text{mm}$
Thickness	$\pm 2\text{mm}$
Facing Squareness	$\pm 2\text{mm}$
Corners (leg length)	$\pm 2.5\text{mm}$
Corners (angle)	$\pm 1^\circ$
Flatness	$\pm 1.5\text{mm}$ from theoretical flat plane over a distance of 700mm
Joint Gap	$\pm 2\text{mm}$

Europanel® Range – Product Data Sheet

Standard Specification

- Available in flat (F5 Extra) or satin line (S5 Extra) profile
- Length: 1800mm up to 12500mm
- Panels <1800mm long can be supplied subject to an extra charge
- Lengths subject to verification for fire/structural performance
- Width: From 600mm to 1200mm (UK and Mainland Europe)
- 1000mm maximum width for export using shipping containers
- Can be installed horizontally or vertically
- 0.5mm or 0.7mm external steel face, in a range of coatings and colours
- 0.5mm or 0.7mm internal steel face, in a range of coatings and colours
- 115kg/m³ density stone wool core
- CE-marked to EN 14509:2013
- Secret-fix interlocking 5mm joint, creating a seamless finish

Technical Properties

Europanel F5 Extra and Europanel S5 Extra									
Thickness	mm	75	100	125	150	175	200	240	300
Weight (0.5mm/0.5mm)*	kg/m ²	16.42	19.30	22.17	25.05	27.92	30.80	35.40	42.30
Weight (0.5mm/0.7mm)*	kg/m ²	17.59	20.47	23.34	26.22	29.09	31.97	36.57	43.47
Weight (0.7mm/0.5mm)*	kg/m ²	17.59	20.47	23.34	26.22	29.09	31.97	36.57	43.47
Weight (0.7mm/0.7mm)*	kg/m ²	18.77	21.64	24.52	27.39	30.27	33.14	37.74	44.64
Thermal	W/m ² K	0.53	0.41	0.33	0.28	0.24	0.21	0.18	0.14

* Internal/External steel face gauge/thickness

Specific span and acoustic performance information can be provided by the [Technical Team](#) on a project by project basis.

Fire Performance

Europanel F5 Extra and Europanel S5 Extra both offer Euroclass A2-s1, d0 classification for Reaction to Fire when tested in accordance with BS EN 13501-1:2018.

Europanel F5 Extra and Europanel S5 Extra can also offer a fire resistance performance of either 2 hours or 3 hours Insulation and Integrity (to BS EN 1364-1:2015) depending on thicknesses and orientation. Specific performances should be verified by the [Technical Team](#) on a project-by-project basis, to the correct standards.

Build a Better Future Together

Euroclad Group Limited

Wentloog Corporate Park
Wentloog Road, Cardiff CF3 2ER
United Kingdom

Phone: +44 (0) 2922 010101

Email: enquiries@eurocladgroup.com

www.eurocladgroup.com



Please scan
the QR code or
[click here](#) for
the most up to
date version of
this document.



Care has been taken to ensure that the contents of this publication are accurate, but Euroclad Group Ltd and its subsidiary companies do not accept responsibility for errors or for information that is found to be misleading. Suggestions for, or description of, the end use or application of products or methods of working are for information only and Euroclad Group Ltd and its subsidiaries accept no liability in respect thereof.

