

Europanel® Range

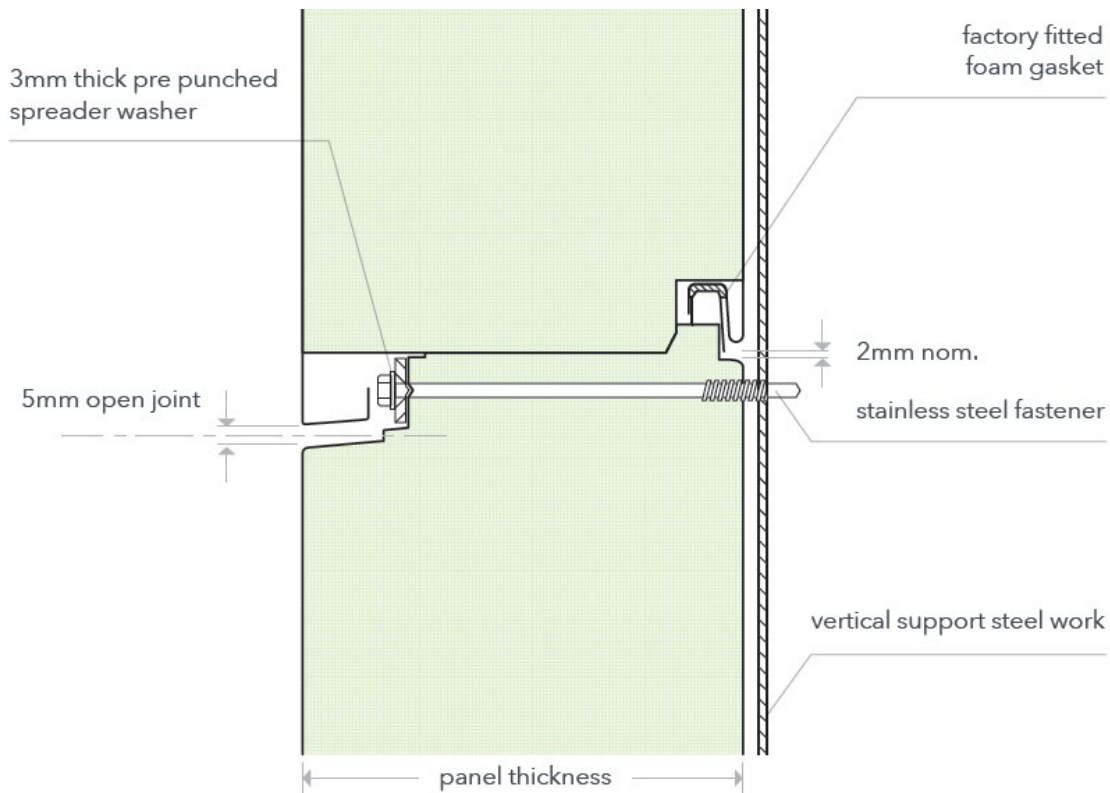
Product Data Sheet

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	$\pm 2\text{mm}$

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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	16.8	19.7	22.5	25.4	28.3	31.2	35.8	42.7
Weight (0.5mm/0.7mm)*	kg/m ²	18.0	20.9	23.8	26.7	29.5	32.4	37.0	43.9
Weight (0.7mm/0.5mm)*	kg/m ²	18.0	20.9	23.8	26.7	29.5	32.4	37.0	43.9
Weight (0.7mm/0.7mm)*	kg/m ²	19.3	22.2	25.1	27.9	30.8	33.7	38.3	45.2
Thermal	W/m ² K	0.54	0.39	0.31	0.26	0.22	0.20	0.17	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 up to 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

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