

Firemaster[®] Range

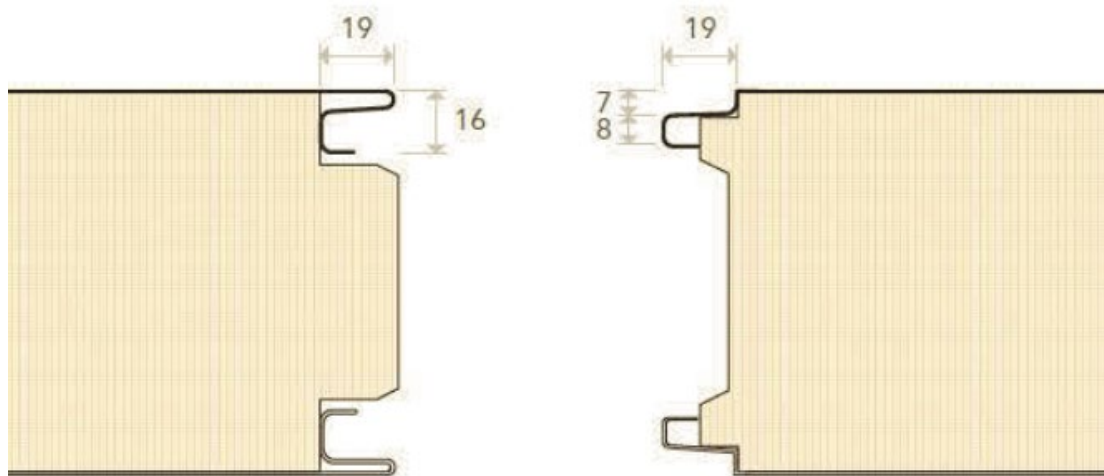
Product Data Sheet

Firemaster Extra
Firemaster Ceiling

Firemaster® Range – Product Data Sheet

Application

The Firemaster Range of internal sandwich wall and ceiling panels is suited to the construction of non-load-bearing internal partition walls and ceilings. A food-safe laminate option is also available that provides a smooth, anti-static internal surface for cleanroom environments. The Firemaster Range is available in 1200mm width as standard with a range of surface profiles - flat, mini-bead and equibead. Wall panels are available with a V-Groove profile for vertical and horizontal installation.



Product Tolerances

Product Tolerances	
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	$\pm 2\text{mm}$

Firemaster® Range – Product Data Sheet

Standard Specification

- Length: 1800mm up to 12500mm
- Panels <1800mm long can be supplied subject to an extra charge
- Lengths subject to technical verification for fire/structural performance
- Width: 1200mm (UK and Mainland Europe)
- 1100mm maximum width for export using shipping containers
- Can be installed horizontally or vertically
- 0.5mm or 0.7mm thick internal steel faces, in white polyester lining
- 115kg/m³ density stone wool core
- CE-marked to EN 14509:2013

Technical Properties

Firemaster 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 (0.5 mm /0.7 mm)*	kg/m ²	18.0	20.9	23.8	26.7	29.5	32.4	37.0	43.9
Weight (0.7 mm /0.5 mm)*	kg/m ²	18.0	20.9	23.8	26.7	29.5	32.4	37.0	43.9
Weight (0.7 mm /0.7 mm)*	kg/m ²	19.3	22.2	25.1	27.9	30.8	33.7	38.3	45.2
Thermal	W/m ² K	0.51	0.40	0.32	0.27	0.24	0.21	0.18	0.14

Firemaster Ceiling									
Thickness	mm	75	100	125	150	175	200	240	300
Weight (0.7 mm /0.5 mm)*	kg/m ²	18.0	20.9	23.8	26.7	29.5	32.4	37.0	43.9
Thermal	W/m ² K	0.53	0.40	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

The Firemaster Range of wall and ceiling panels offers a Euroclass A2-s1, d0 Reaction to Fire when tested and classified to BS EN 13501-1:2018.

Firemaster Extra can also offer fire resistance performances from 60 minutes up to 4 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.

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