

FireMaster Wall Specifications

The FireMaster Wall panel has been designed specifically as a more practical, contractor friendly solution to internal walls and partitions when fire rating is an issue. Once the panels are erected on site the panel core is completely encased by the interlocking joint detail. This feature, allied to the range of foodsafe steel finishes available means that even the most stringent industry hygiene standards are met. The FireMaster Wall is compatible with all other panels in the FireMaster System and other products in the Eurobond range.

Core Material

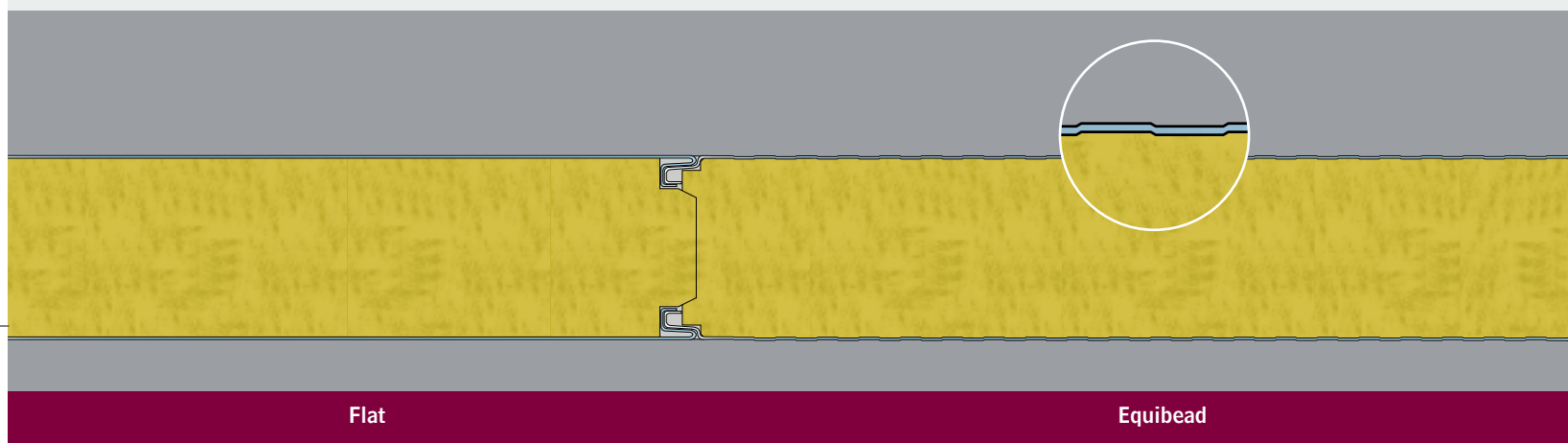
The core material is high quality non-combustible bonded Rockwool with a predominantly vertical fibre structure, which provides high shear, compression and tensile strengths.

Facing Options

Foodsafe laminate
Foodsafe polyester
PVF2 – standard colour range
HPS200 – standard colour range
Assure antibacterial metals
Primer coated galvanised

Finish Options

Flat
Equibead
Mini Bead
Satin Line



Panel thickness	Acoustic properties weighted SR I (db)	Fire rating to BS 476/Part 22 EI	LPS 1208 grading	R values (m ² K/W)	Panel weight kg/m ²	Maximum length/ span metres
60	28.6	30	FR30	1.54	14.9	5.8
75	29.2	30	FR30	1.92	16.6	6.4
100	30.2	60	FR60	2.56	19.3	7.4
125	30.9	60	FR60	3.23	22.1	8.3
150	31.8	90	FR90	3.85	24.8	9.2
175	33.6	90	FR90	4.55	27.6	10.0

Sizes Available

Length 2000mm – 11800mm

Width 600mm – 1150mm

Thickness 60mm – 175mm

Tolerances

+/- 10mm

+/- 2mm

+/- 1mm

FireMaster WallPlus Specifications

The FireMaster WallPlus panel has been developed with durability, structural and fire performance in mind. This panel is ideally suitable for use on both internal and external applications and can be supplied with a range of standard exterior colours. Once the panels are erected on site the panel core is completely encased by the interlocking joint detail. This feature, allied to the range of foodsafe steel finishes available means that even the most stringent industry hygiene standards are met. The FireMaster WallPlus is compatible with all other panels in the FireMaster System.

Core Material

The core material is high quality non-combustible bonded Rockwool with a predominantly vertical fibre structure, which provides high shear, compression and tensile strengths.

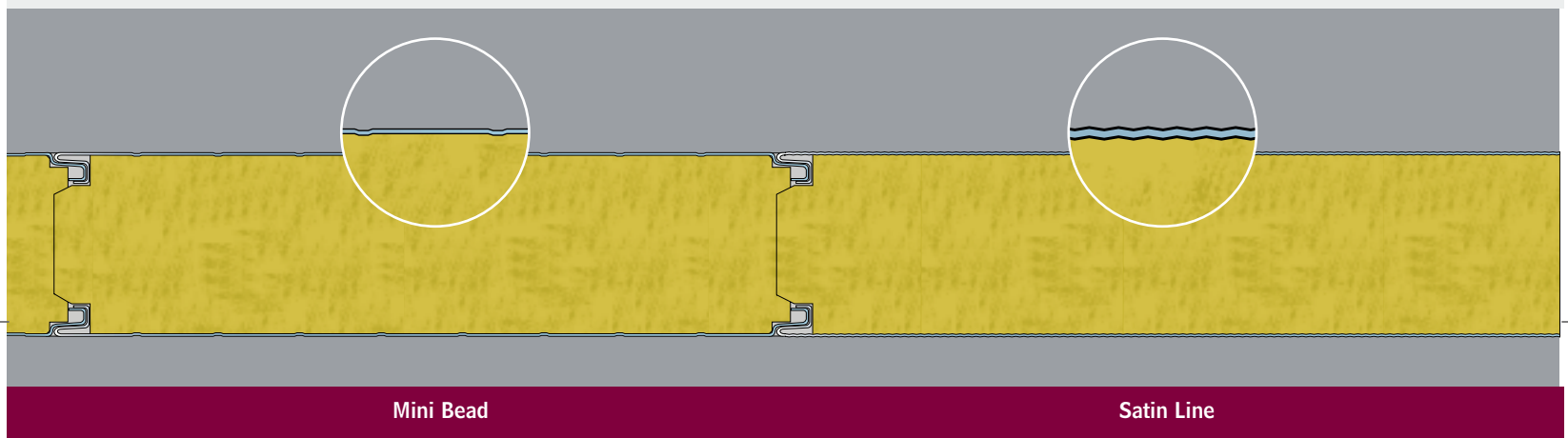
Facing Options

Foodsafe laminate
Foodsafe polyester
PVF2 – standard colour range
HPS200 – standard colour range
Assure antibacterial metals
Primer coated galvanised

Finish Options

Flat
Equibead
Mini Bead
Satin Line

Lanwood Eurobond can issue standard loading figures for external panels used in temperature controlled environments. Panel specifications can be designed accordingly and best advice submitted against performance criteria required. All Eurobond technical calculations are compliant with current European standards and recommendations



Panel thickness	Acoustic properties weighted SR I (db)	Fire rating to BS 476/Part 22 EI	LPS 1208 grading	R values (m ² K/W)	Panel weight kg/m ²	Maximum length/ span metres
60	28.6	30	FR30	1.43	16.4	5.9
75	29.2	60	FR30	1.79	18.5	7.0
100	30.2	60	FR60	2.22	21.8	8.1
125	30.9	90	FR90	2.94	25.2	9.1
150	31.8	120	FR120	3.57	28.6	10.0

Sizes Available	Tolerances
Length	2000mm – 11800mm +/-10mm
Width	600mm – 1150mm +/-2mm
Thickness	60mm – 150mm +/- 1mm

Maximum length wall spans have been calculated using design figures of **Span/180** and a uniformly distributed load of **250N/m²**. Standard base and head fixings have also been incorporated into the calculation figures. Increased spans are available if intermediate fixing points are employed - please contact Lanwood Eurobond for additional information