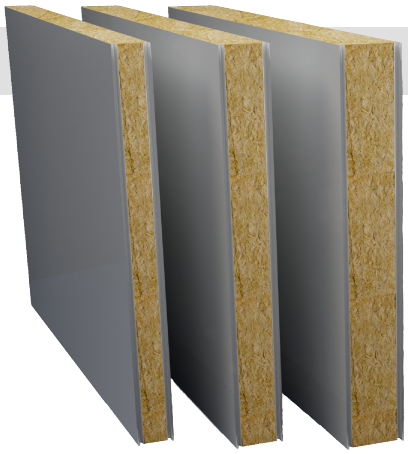
Firestop 12

Product highlights

- High thermal performance
- Euroclass A2-s1, d0 (1)
- Manufactured under ISO 9001:2016
- Does not promote smoke or flame spread when exposed to flame
- Resists fungi and mould
- LPS 1208 certified
- Excellent acoustic insulation
- Up to 120 minutes of fire resistance



Firestop 12 technical performance

Panel thickness	Test results					
	U-Value as per EN14509	R-Value as per EN14509	Weight (2)	Sound reduction	U-Value (3)	R-Value (3)
	$Wm^{-2}K^{-1}$	m^2KW^{-1}	kg/m^2	dB	$Wm^{-2}K^{-1}$	m^2KW^{-1}
100mm	0.470	2.114	21.590	31	0.400	2.500
125mm	0.380	2.651	24.965	32	0.330	3.030
150mm	0.310	3.190	28.340	32	0.270	3.700
175mm	0.270	3.721	31.715	33	0.230	4.350
200mm	0.230	4.261	35.090	34	0.200	5.000

(1) With specific steel skins (PE25).
(2) Panel weights based on 0.5mm gauge steel to both faces.
(3) We have published two sets of U-Values and R-Values. As per BS EN 14509 we have tested our full panels, including their joints. U-Value(3) and R-Value(3) considers a section in the centre of a single panel only.

Product tolerances as per EN14509 (4)					
Length (L)	Cover Width (W)	Thickness (D)	Squareness	Flatness	Joint Gap
L ≤ 3m ± 5mm	± 2mm	D ≤ 100m ± 2mm	0.006 x nominal cover width	1.5mm from the theoretical flat plane over 700mm	+3mm / -0mm
L ≥ 3m - ± 10mm		D ≥ 100m ± 2%			

(4) Product is produced strictly to EN 14509:2013 manufacturing tolerances.

Standard specification

Module width
1190mm standard module

Profile options
Available in flat, V-rib, micro-rib and castellation

Core specification
Mineral wool ≥ 135 kg/m^3 density

Steel faces
White polyester lining, 0.5mm gauge
Other steels available

Panel length
Minimum 1.2m - maximum 12m
Shorter lengths available on request (subject to cutting charge)
All unsupported spans subject to technical verification