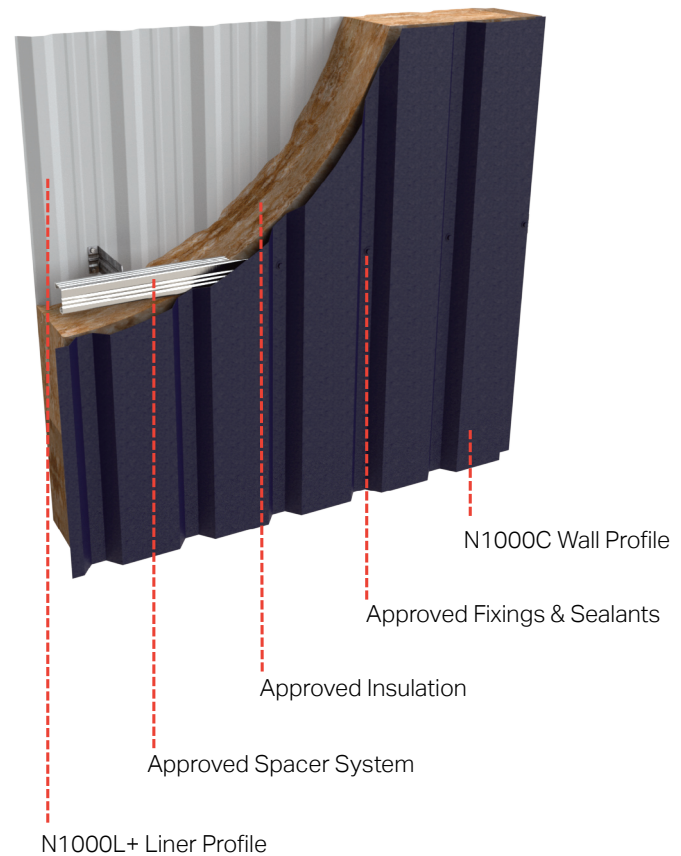


PRX-WS[®]-01 System Benefits

- 25 Year Full System Guarantee
- Can be specified as A1- Non-combustible System
- LPCB Certification LPS1181 EXT-B (Subject to system specification)
- A1 – Non-combustible Mineral Wool Insulation
- Building Regulations Compliant

Protex[®] System Benefits

- Protex[®] Approved Contractor network
- NBS Specifications
- Approved Standard details
- Bespoke Thermal & Acoustic calculations
- Extensive Technical Support
- Protex[®] Approved Fabricator network
- Industry leading Protex[®] Approved supply network



PRX-FWS-01-E240/I15 Fire Wall System

The Protex[®] Wall Systems have been tested by industry leading testing houses including Warrington Fire & BRE Global to BS476 Part 22. The PRX-WS[®]-01 can be upgraded to the PRX-FWS-01-E240/I15 System to offer 240 Minutes Integrity and 15 Minutes Insulation. For the latest technical documentation and standard details, contact the technical department.

External Profile:

N1000C Wall Profile



Liner Profile:

N1000L+ Liner Profile



Protex® Wall System 01

The **PRX-WS®-01** offers a tailor-made built up wall system combining high performance external finishes, A1 Non-combustible Insulation and a light weight liner profile alongside industry leading Protex® Approved Suppliers to offer a complete 25 Year System Guarantee.*

The system depth can be configured to meet the project specific thermal, acoustic and fire performance with enhanced system designs available.

The external N1000C Wall Profile, vertically orientated, can be specified in a range of high performance external finishes, offering external finish warranty periods up to 40 Years. The range of embossed, textured or smooth external finishes offer a solution to cover a full range of building envelopes. The external finish can be specified in an A1 rated finish to offer a complete Non-Combustible Wall System.

The PRX-WS®-01 System can be upgraded to the PRX-FWS-01-E240/115 Fire Wall System. The system has been tested to BS476 Part 22 to offer 240 Minutes Integrity and 15 Minutes Insulation.

The N1000L+ Liner profile offers an economical solution incorporating a 19mm light weight profile into the system. The N1000L+ Profile is available in Bright White Liner as standard with an A1 Fire Classification.

The Protex® Approved components can be sourced directly through our industry leading Protex® Approved supply partners to ensure the highest levels of product performance and support.

Performance

Total System Depth (mm)	Bracket / Insulation Thickness (mm)	Thermal Performance (W/m²k)	Acoustic Performance RW (db)	System Weight (Kg/m²)
150	120	0.35	39	10.6
170	140	0.30	40	10.9
190	160	0.26	42	11.2
210	180	0.23	43	11.4
230	200	0.21	45	11.7
250	220	0.19	46	12.0
270	240	0.18	47	12.2

For values above stated figures, contact technical department.

Data provided for guidance. Contact technical for bespoke calculations and specifications. Data based on 0.5mm External Profile, 1800mm Rail Centres & 1000mm Bracket Centres. Insulation 0.04W/mK Min Thermal Performance / Recommended 10% compression. Acoustic calculations do not include structural connections.

Protex® Approved Components

External Finish	Spacer System	Insulation (A1)	Fixings	Sealants
Mission XP40®	Ash & Lacy	Knauf	SFS Intec	HS Butyl
GreenCoat® Pural BT	Fixing Point ¹	URSA	Ejot	Premseal
GreenCoat® Hiarc Max		Superglass	Fixfast	
Granite® HDX		Isover	Fixing Point	

¹ Fixing Point Spacer System not included within LPCB Certification

*Subject to specification, application & approval