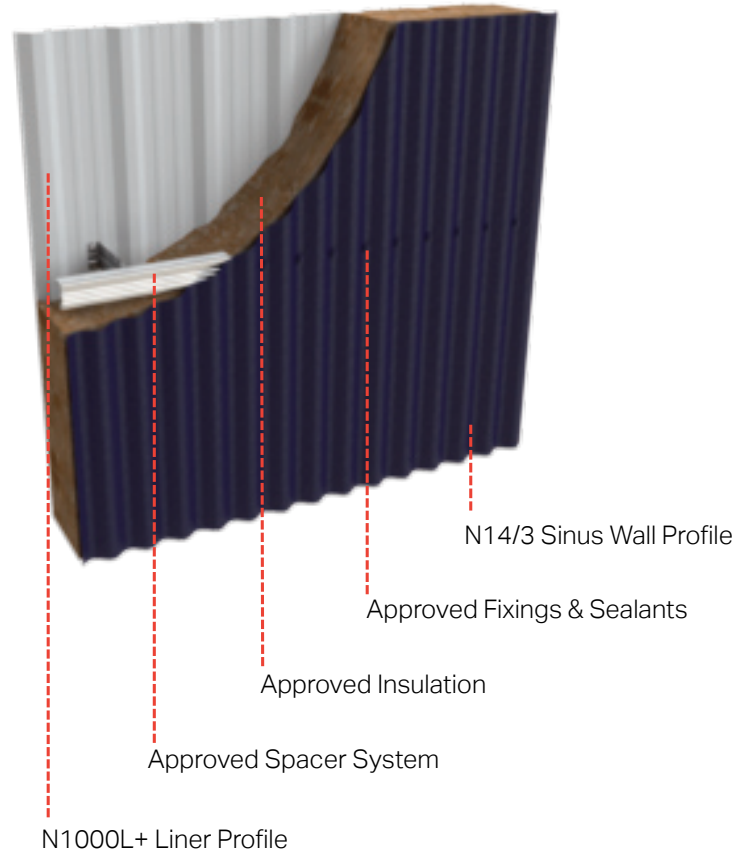


## PRX-WS®-03 System Benefits

- 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



**External Profile:**  
N14/3 Sinus Wall Profile



**Liner Profile:**  
N1000L+ Liner Profile



# Protex<sup>®</sup> Wall System 03

The **PRX-WS<sup>®</sup>-03** 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<sup>®</sup> Approved Suppliers to offer 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 N14/3 Sinus Wall Profile, vertically orientated, can be specified in a range of high performance external finishes offering 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 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<sup>®</sup> Approved components can be sourced directly through our industry leading Protex<sup>®</sup> Approved supply partners to ensure the highest levels of product performance and support.

## Performance

Total System Depth(mm)	Bracket / Insulation Thickness 0.04W/mk (mm)	Thermal Performance (W/m <sup>2</sup> k)	Acoustic Performance RW (db)	System Weight (Kg/m <sup>2</sup> )
139	120	0.36	36	16.2
159	140	0.31	38	16.4
179	160	0.27	40	16.7
199	180	0.24	42	16.9
219	200	0.21	43	17.2
239	220	0.19	45	17.5
259	240	0.18	46	17.7

For values above stated figures, contact technical department.

Data provided for guidance. Contact technical for bespoke calculations and specifications. Data based on 1800mm Rail Centres & 1000mm Bracket Centres. Insulation 0.04 Min Spacer System / Recommended 10% compression. Acoustic calculations do not include structural connections

## Protex<sup>®</sup> Approved Components

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

<sup>1</sup> Fixing Point Spacer System not included within LPCB Certification

\*Subject to specification, application & approval