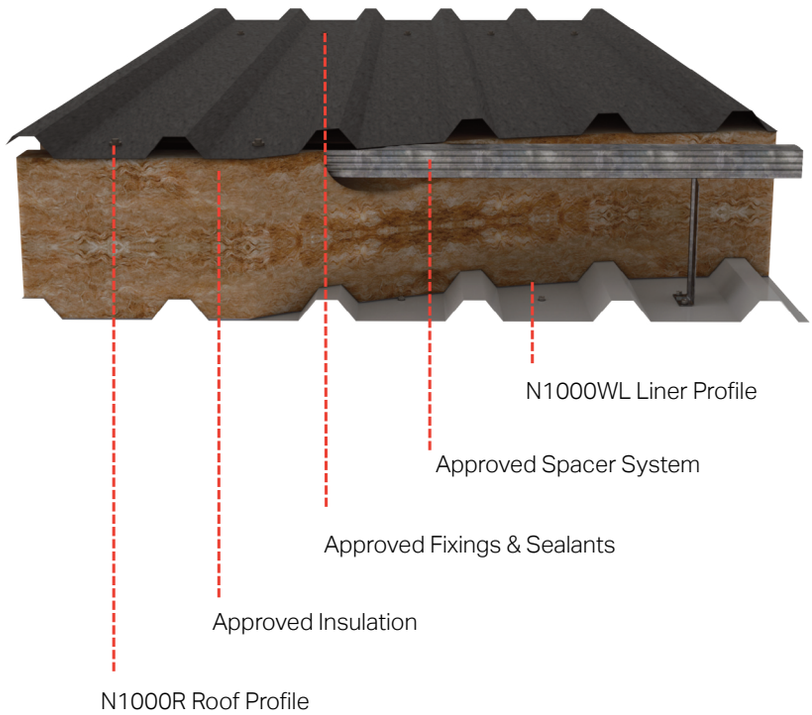
PRX-RS®-01
System Benefits

- 25 Year Full System Guarantee
- LPCB Certification LPS1181 EXT-B (Subject to system specification)
- Specifications available for use under PV & Safety Line Systems#
- Class B - Non-fragile N1000WL Liner Profile
- Suitable for Roof Pitch down to 4 Degrees
- Suitable for barrel vault roof
- Enhanced curved ridge detail available
- Building Regulations Compliant



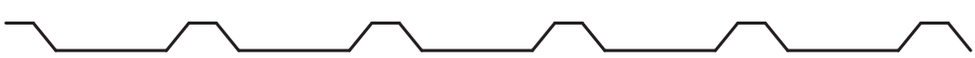
Protex® System Benefits

- 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:
N1000R Roof Profile



Liner Profile:
N1000WL Liner Profile



LPS 1181 Cert/LPCB ref. 1611a

#Subject to PV System Approval and specified external finish

PROTEX®

Protex® Roof System 01

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

The system depth and design can be configured to meet the project specific thermal, acoustic, air tightness and fire performance with enhanced system's available.

The external N1000R Roof Profile 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 N1000WL Walkable Liner profile offers a Class B non-fragile working platform when fully fitted, reducing installation times on site. The N1000WL Profile is available in Bright White as standard and combined with a crank curved ridge detail can offer reductions in air permeability.

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/m^2k)	Acoustic Performance RW (db)	System Weight (Kg/m^2)
150	120	0.39	33	15.8
170	140	0.33	34	16.0
190	160	0.28	36	16.3
210	180	0.25	37	16.5
230	200	0.22	39	16.8
250	220	0.20	40	17.1
270	240	0.18	42	17.3
290	260	0.18	43	17.6
310	280	0.16	45	17.8
330	300	0.15	46	18.1
350	320	0.14	47	18.4
370	340	0.13	49	18.6
390	360	0.13	50	18.9
410	380	0.12	51	19.1
430	400	0.11	53	19.4

Data provided for guidance. Contact technical for bespoke calculations and specifications. Data based on 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	Roof Lights
Mission XP40®	Ash & Lacy	Knauf	SFS Intec	HS Butyl	Brett Martin
GreenCoat® Pural BT	Fixing Point[1]	URSA	Ejot	Premseal	Hambleside Danelaw
GreenCoat® Hiarc Max		Superglass	Fixfast		Filon Products
Granite® HDX		Isover	Fixing Point		

[1] Fixing Point Spacer System not included within LPCB Certification

*Subject to specification, application & approval

FirthSteels®