

## Protex® FireWall System 03/15

# I PRX - FWS - 03/15

Protex® FireWall System 03/15 combines two layers of Glass Wool insulation to provide 240 minutes integrity and 15 minutes insulation.

Utilising two layers of approved non-combustible insulation trapped by the spacer system, 15 minutes insulation and 240 minutes integrity can be achieved.

The steel external and liner profiles enclose the A1 Rated insulation and spacer system to provide enhanced fire performance eliminating the risks caused by extensive cavaties.



### Protex® Approved Components

- External Profile N14/3 Sinus 0.5mm Wall Profile  
F200 Plastisol  
HDX Granite  
GreenCoat Hiarc Max
- Spacer system Ashgrid AG40 System
- Insulation Knauf  
Rockwool  
SuperGlass
- Fixings & Sealants Ejot  
SFS Intec  
FixFast
- Liner Profile N1000L+ 0.4mm Liner Profile  
Bright White Polyester

### System Benefits

- 25 Year System Guarantee\*
- Reduced installation times
- NBS Specifications available
- BIM Ready
- Extensive technical support available
- Flexible Thermal Performance
- Fire Performance - 240 minutes integrity  
- 15 minutes insulation
- Excellent acoustic performance
- Industry leading Approved Suppliers
- Approved Contractor Network
- Advanced Coating Range
- All Products CE Marked
- Manufactured to ISO9001:2015
- Building Regulations Part L2 Compliant

### Performance

System Depth	Insulation Thickness 0.040W/mk	Thermal Performance	Predicted $R_w$	Fire Rating	
				Insulation	Integrity
160mm	160mm	0.28W/m <sup>2</sup> k	39 (dB)	15 mins	240 mins
180mm	180mm	0.25W/m <sup>2</sup> k	41 (dB)	15 mins	240 mins
200mm	200mm	0.22W/m <sup>2</sup> k	42 (dB)	15 mins	240 mins

\* Enhanced performance can be achieved. Acoustic calculations based on Salford University Acoustic Software. To ensure system suitability contact Firth Steels Technical department for full documentation.