

Securiclad LPS 1175 Secure Walling Data Sheet

Securiclad is a premium modular composite panel system designed and manufactured to protect high risk areas, from data centres and government infrastructure to utilities facility control rooms, banks, hazardous material storage sites and more.

Available in a variety of different compositions in order to satisfy a broad range of differing security requirements our panels have been developed to withstand determined attack from a wide range of tools. The high security, modular composite panel solution is used across a wide range of industry sectors across a broad range of applications.

Securiclad overcomes a number of on-site restrictions posed by traditional building methods and can be designed to specification, offering heightened security solutions for rooms in a building, entire external building envelope or simply offers high security partition walls. The system has both wall and ceiling applications.

Product Highlights

- Intruder resistant
- Water and moisture resistance
- Outstanding thermal resistance
- Does not promote smoke or flame spread when exposed to flame
- Enclosure, strongpoint or free-standing barrier
- Non-combustible stone wool core
- Does not promote the growth of fungi or mildew
- 100% recyclable
- Dense composition provides excellent control

Standard Specification

- 1190mm module width
- Architecturally flat
- 0.5mm White Polyester Faces
- Anti-cutting materials within
- 135kg/m³ dense stonewool core

Sector Use

- Data centres and server rooms
- Utilities infrastructure
- Healthcare facilities
- Financial institutions
- Retail sites
- Private residences
- Cargo areas

Product Tolerances ⁽¹⁾

Length	Core Width	Thickness	Squareness	Flatness	Joint Gap
±10mm	±3mm	±5mm	±3mm	1.5mm from the theoretical flat plane over a distance of 700mm	±3mm -0mm

Weighted Sound Reduction

Panel Weight

Core Thickness (mm)	100mm (dB)	Per kg/m ²
SR2	Rw 44	≈ 40
SR3	Rw 45	≈ 45
SR4	Rw 48	≈ 60
SR5 ⁽²⁾	Rw 47/47	≈ 80

Security Rating Classification

Delay	Security Rating Classification								
	A20	B20	C20	D20	E20	F20	G20	H20 (SR8)	
20 minutes	A20	B20	C20	D20	E20	F20	G20	H20 (SR8)	
15 minutes	A15	B15	C15	D15	E15	F15	G15	H15	
10 minutes	A10	B10	C10	D10 (SR4)	E10 (SR5 ⁽²⁾)	F10 (SR2)	G10 (SR6)	H10	
5 minutes	A5	B5	C5 (SR3)	D5	E5	F5	G5	H5	
3 minutes	A3	B3 (SR2)	C3	D3	E3	F3	G3	H3	
1 minute	A1 (SR1)	B1	C1	D1	E1	F1	G1	H1	
Toolkit	LPS 1175: Issue 8	A	B	C	D	E	F	G	H
	LPS 1175: Issue 7	A	B	C	D	D+	E	F	G

⁽¹⁾ Product is produced strictly to EN14509 manufacturing tolerances.

⁽²⁾ SR5 panel is a dual panel system consisting of 2x 50mm panels with a site applied anti-cutting mesh.