
TECHNICAL DATA SHEET

MCW Fabric Wall Panels



MCW Fabric Wrapped Wall Panels are single-sided, sound-absorbing panels upholstered in high-performance fabric. Designed for both aesthetic appeal and acoustic control, these panels reduce reverberation and background noise to improve acoustic comfort in any space. Constructed with high-density glass fibre boards, they offer superior sound absorption and fire resistance. All panels are custom-made with resin-hardened edges to maintain their shape and prevent damage during installation.

Key Benefits

- Class A Absorption
- 25mm or 40mm thickness
- Wide range of colours
- Class 1 & Class O BS476: Part 6 & Part 7 Surface Spread Of Flame
- High Impact Variant complies to EN 13964 Class A

Applications

Suitable for classrooms, offices, conference halls, libraries, restaurants, and atriums. High-impact variants are available for sports halls and gymnasiums, complying with EN 13964 Class A and EN 15312 for impact resistance.

Wall and Ceiling Panels

Designed for direct wall or ceiling mounting, these panels can also be installed on battens for enhanced acoustic performance. Our versatile fixing systems, including a demountable roller button option, allow for quick access to services behind the panels. Panels are custom-manufactured in shapes and sizes up to 3000mm x 1200mm, with resin-hardened edges for durability.

Acoustic Information

Product Type	Thickness & Fixing	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	α_w	NRC	Absorber Classification
MCW Fabric Wall Panel	40mm Direct Fix	0.2	0.6	1	1	1	1	0.9	1	A
	40mm 50mm air gap	0.4	0.75	1	1	1	1	0.95	1	A
	25mm Direct Fix	0.1	0.41	0.89	1	1	1	0.7	0.83	C
	25mm 50mm air gap	0.2	0.55	0.89	1	1	1	0.9	0.95	B

