
TECHNICAL DATA SHEET

MCW Fabric Rafts



MCW Fabric Rafts are premium, fabric-upholstered acoustic panels designed for suspension from the soffit. Engineered to reduce reverberation and ambient noise, these rafts significantly improve acoustic comfort within interior spaces.

Constructed from superior high-density fibreboard, MCW Fabric Rafts offer exceptional sound absorption and fire resistance. Each unit is made to order, featuring hardened edges to ensure structural integrity and minimize the risk of damage during transportation and installation.

Key Benefits

- Class A Absorption*
- Wide range of fabric colours
- Customizable shapes and sizes
- Available in 25mm and 40mm thicknesses

Applications

MCW Fabric Rafts are suitable for diverse interior fit-out projects, including classrooms, offices, restaurants, libraries, and atrium areas.

Ceiling Rafts

MCW Fabric Rafts are designed to be both aesthetically pleasing and functional, suspended from the ceiling using adjustable wires for a secure, easy installation.

Design Flexibility

Our panels can be custom-manufactured into any shape—including circles and ovals—up to 3000mm x 1200mm. Available in 25mm and 40mm thicknesses, they provide precise acoustic control. We offer factory-installed cut-outs and mounting points to ensure a high-quality finish and can integrate lighting and LED systems directly into the panels. For durability, panels are available with resin-hardened or UPVC edges, and we also offer a chamfered edge detail for a refined look.

Acoustic Performance

Product Type	Thickness	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	α_w	NRC	Absorber Classification
MCW Fabric Rafts	25mm - Suspended 300mm	0.4	0.85	0.75	1	1	1	0.85	0.9	B
MCW Fabric Rafts	40mm - Suspended 300mm	0.55	0.8	0.9	0.95	0.95	0.95	0.95	0.9	A

