



Technical Specification / Data Sheet

Product: LBS Librum

Supplier

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Application

A modern design door that unifies excellent thermal insulation and sound absorbing qualities in its 55mm thick panels

Safety

Adjustable pins and anti-derailing device on track system. Automatic operation will come with safety edge and photocells

Size

50,000mm wide x 8000mm high

Performance

Standard 55mm panel has an insulation value: $U = 1.60 \text{ W/m}^2\text{K}$
Typical acoustic performance 22db
Wind class resistance: Class 4
Air/water sealing system: Black EDPM and nylon brush strips between top track and top of panel

Arrangement

Single bunching or bi-parting sliding doors to bunch within or clear of a structural opening

Panels

55mm Steel sandwich panels with PU high density foam infill

Tracks

Galvanised safety track system

Finish

Various colours from the standard range (other colours available with surcharge).
Please note that dark colours may give a temperature difference if the external face is exposed to $> 45^\circ\text{C}$. This can cause a deformation that (in prolonged exposure) could cause damage to the steel sheet breaking away from the insulation material. LBS, therefore, does not take responsibility and we do not recommend using dark colours on the external face of doors exposed to increased temperatures / prolonged exposure

Vision Options

Fully glazed aluminium profile panels available for part or whole door dividers
Various options for windows for insulated panels including double glazed with straight or rounded corners

Locking

Via motor for electric operation
Manual doors locked via internal black cremone 2-point bolt

Operation Options

Manually operated
Electrically operated via single phase or 3-phase motor system (depending on size and usage requirements)

With surface mounted control panel with push button control providing impulse opening – Continuous pressure (DEADMAN) closing
Impulse closing with Low level obstruction protection to BS EN12453:2001

Controls

Surface mounted key-switch or digi-pad
Radar / induction loop for egress
Remote control
Connections to existing BMS
Auto-timed closing

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