

SERIES 20



- Continuously-hinged sliding/folding system
- Top hung or floor supported
- Low-cost option
- Acoustically rated 38-46dB
- Ideal for Offices, Schools, Sport Centres, Community Halls etc

SERIES 50 & 60



- Top hung individual panel system
- Neat overhead track with scissor jack operated top and bottom seals
- Superior acoustic performance:
Series 50: 38dB - 48dB
Series 60: Up to 59dB
- Ideal for Large Auditoria, Hotel Function Rooms, Conference Halls etc
- Especially suitable for tall (4 metre+) openings
- Doors and glazing readily incorporated
- Huge range of finishes including wood veneer, melamine, fabric and paint



TRACKWALL MOVEABLE ACOUSTIC WALLS AND PARTITIONS

Series 20, 50 and 60

Bulletin TDS/01.02

These tried and tested acoustic partitions allow large spaces to be subdivided, quickly and effectively, in all types of commercial, leisure, municipal and industrial buildings. Three different systems - 20, 50 and 60 series - give flexibility in terms of both performance, operation and cost.

- Excellent sound reduction properties: 38dB to 59dB
- Wall panels are rapidly and easily manoeuvred/positioned by one person
- Robust, durable construction
- Wide range of attractive and practical finishes
- Fire-rated versions available
- Full design, manufacture and installation service
- Over 10,000 systems in daily use



product datasheet

PRODUCT SPECIFICATIONS

SERIES 20 SLIDING/FOLDING ACOUSTIC PARTITIONS

Nominal Thickness: 68mm

Maximum Panel Width: Centre Hung - 850mm End Hung - 700mm

Maximum Clear Opening Height: 4000mm

Approximate Hanging Weight: 24 to 35kg/m²

Sound Insulation: 38 to 46dB

Stacking: May be stacked to one end or both ends (bi-parting), either centrally or offset to the track

Fire Rated Version: 20F

Nominal Thickness: 60mm (30 minute fire rating) 100mm (60 minute fire rating)

Maximum Panel Width: 835mm

Maximum Clear Opening Height: 3000mm

Sound Insulation: 40 to 43dB

Operation:

Once panels are in position, final closure is achieved by means of an end hinged panel which acts as a communicating door. A key-operated internal espagnolette system locks panels into place.

SERIES 50 AND 60 MOVABLE ACOUSTIC WALLS

Nominal Thickness: 100mm

Minimum Panel Width: 650mm

Maximum Panel Width: 1250mm

Maximum Clear Opening Height: Series 50 - 4000mm, Series 60 - 10000mm

Sound Insulation: Series 50 - 38 to 48dB, Series 60 - 41 to 59dB

Additional Features (Series 60 Only):

Isolated Steel Frame

Option for Concealed Profiles

Magnetic Edge Profiles

Aluminium or Steel Head Track

Fire Rated Version: 60F

Nominal Thickness: 115mm

Fire Ratings: 30 minutes/60 minutes

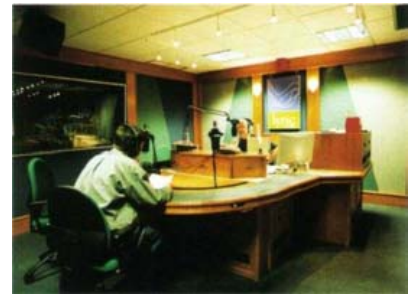
Sound Insulation: 49 - 54dB

Operation:

Once panels are in position, final closure is achieved by means of an expandable end panel operated by a removable handle.



OTHER IAC ACOUSTIC STRUCTURES AND PRODUCTS



Modular broadcasting studios, audiology rooms and facilities for music practice



Acoustic doors, windows, absorbers and sound-absorptive wall linings



IAC is a BS EN ISO 9001 quality registered company



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