

## NBS for WallSpan by Accordial Wall Systems Limited

Sliding & folding acoustic wall system.

Features:

- Continuously hinged panels, purpose made to suit any opening size.
- Bottom running with top guide or top hung without floor rail.
- Suitable for internal use only.
- Class O or Class 1 Fire Ratings available
- Height: Up to 3.6 m as standard.
- Width: Up to 850 mm as Centrefold and 700mm as Endfold.

WallSpan

- Manufacturer: Accordial Wall Systems Limited
  - Web: [www.accordial.co.uk](http://www.accordial.co.uk)
  - Email: [walls@accordial.co.uk](mailto:walls@accordial.co.uk)
  - Tel: +44 (0)1923 246600
  - Product reference: WallSpan
- Partition assembly: [See drawing ???].  
[See schedule ???].
- Track:
  - Track layout: [Centrefold, single unit].  
[Centrefold, bi-parting].  
[Endfold, single unit].  
[Endfold, bi-parting].
  - Track type: [Ceiling guide track with SAA floor rail for bottom running].  
[Ceiling running track (no floor rail required)].
- Ceiling track finish: [RAL, 9010].  
[RAL, ???].
- Panel: [Standard panel].  
[Glazed panel - single glazed].  
[Glazed panel - double glazed].  
[Glazed panel - double glazed with internal blinds].  
[Leading panel, full height pass door].
- Acoustic insulation: [Rw 38 dB].  
[Rw 41 dB].  
[Rw 44 dB].
  - Panel finish: [LP Laminate range of plain colour or veneer selections].  
[HP Laminate range of plain colour or veneer selections].  
[Priming Sheet ready for on-site painting].  
[Priming sheet ready for on-site application of fabric wallcovering].  
[Veneer. Species, cut, finish ??? ].  
[Write On/Wipe Off Plastic Laminate].  
[Magnetic White Board].  
[Class O or 1].
  - Panel vertical edge finish: [Aluminium, satin anodised].  
[Aluminium, RAL colours ???].
  - Leading panel pass door fittings: [D-Ring handle with latch as standard].  
[D-Ring handle with latch and keylock].  
[D-Ring handle with latch and thumb turn lock].  
[Flush lever handle with latch as standard].  
[Flush lever handle with latch and keylock].  
[Flush lever handle with latch and thumb turn lock].

## Guidance Notes for WallSpan from Accordial Wall Systems Limited

More about WallSpan: [As standard](#) - [Options](#) - [Approvals](#)

### As standard

#### Panels:

- Aluminium frame with double skin cladding of 16 mm, high density chipboard. Choice of panel finishes from manufacturer's standard range.
- Espagnolette locking of individual panels by removable handle.
- Leading door of each run operates as full height pass door.
- Glazing cutouts, corner panels or special function panels to special order.
- Hinges - satin anodized aluminium with loose pins and silicon rubber seals.
- Fixed sweep strips, top and bottom.

### Options

#### Partition Assembly:

Refer to drawing or schedule for disposition of specified elements.

#### Track layout:

- Centrefold, single unit. Hung at panel centre.
- Centrefold, bi-parting. Hung at panel centre.
- Endfold, single unit. Hung at panel end.
- Endfold, bi-parting. Hung at panel end.

#### Ceiling track type:

Heavy duty top hung aluminium RAL 9010 encased with 16mm White Pelmet Board to enhance on-site acoustic quality. RAL 9010 Ceiling guide track with 16mm White Pelmet Board to enhance on-site acoustic quality and SAA floor rail for bottom running.

Bottom rollers with radial ball bearings fitted to alternate panels, running on aluminium floor rail. Self-lubricating nylon rollers running in non-loadbearing top guide track.

- Ceiling running track (no floor rail required). Top hung. Heavy duty aluminium head track. Extended bottom butyl rubber sweep strips.
- Spray painted RAL 9010 as standard - other RAL colours available to special order.

#### Panel type:

Where panel varies within the partition assembly, insert identifiers for panels after each selection, cross referenced to drawing or schedule.

- Glazed panel - single glazed. Minimum margins apply.
- Glazed panel - double glazed. Minimum margins apply.
- Glazed panel - double glazed with internal blinds. Minimum margins apply.
- Leading panel, full height pass door.
- Standard panel.

#### Acoustic performance:

Can be used to limit noise transmission between rooms.

- Tested to achieve sound reduction ratings of up to Rw 44 dB, measured in accordance with EN ISO 140 - 3.
- Insulation typically related to panel weight. Average achieved site insulation typically less than laboratory conditions due to flanking structures.



**Acoustic insulation:**

Choose from construction offering the following nominal performance:

- Rw 38 dB. Weight: 24 Kg/m<sup>2</sup>. Thickness 70 mm with vertical edges concealed by edge trims.
- Rw 41 dB. Weight: 26 Kg/m<sup>2</sup>. Thickness 70 mm with vertical edges concealed by edge trims.
- Rw 44 dB. Weight: 28 Kg/m<sup>2</sup>. Thickness 100 mm with vertical edges concealed by edge trims.

**Panel finish:**

- LP Laminate. Manufacturer's range. Plain colours and Woodgrains from Duhospan range. As standard.
- HP Laminate. Manufacturer's range. RAL colours and Woodgrains from GLam range. As standard.
- Textile. Manufacturer's range.
- Veneer. Manufacturer's range.
- Write On/Wipe off. Manufacturer's range.
- Magnetic Whiteboard. Manufacturer's range.

**Panel vertical edge finish:**

- Aluminium, satin anodised.
- Aluminium, powder coated RAL 9010 to match top track.
- Aluminium, powder coated to other RAL colours.

**Acoustic performance:**

- Can be used to adjust room reverberation time using optional textile finishes.
- Can be used to limit noise transmission between rooms, using internal insulation of mineral wool, or bitumen matting, or additional laminated framing with sound break and heavy insulation, dependant on performance required. Fitted as standard with silicon rubber vertical seals; butyl rubber sweep strips top and bottom.
- WallSpan panels have been tested to achieve sound reduction ratings of up to Rw 50 dB, measured in accordance with BS EN ISO 140 -3. Insulation typically related to panel weight. Average achieved site insulation typically less than laboratory conditions.