

# NBS for PremierWall and Easiwall by Accordial Wall Systems Limited

## PremierWall

Sliding stacking panel partition.

Features:

- Individually operated, top hung panels, purpose made to suit any opening size upto 10metres high.
- Retractable top and bottom seals, able to deal with floor level differences up to 20 mm.
- Mechanically operated by worm screw drive providing 2Kn of pressure for optimal acoustic performance.
- No floor track.
- Curved layouts, corner panels, junction panels, glazing cutouts, matching recess doors to special order.
- Suitable for internal use only with a wide variety of features and finishes.

## Easiwall

Sliding stacking panel partition.

Features:

- As PremierWall combined with electric retractable seal operation with manual override via standard operating key

### PremierWall/Easiwall

- 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: PremierWall/Easiwall
- Partition assembly: [\[See drawing ???\]](#).  
[\[See schedule ???\]](#).
- Operation: [\[PremierWall – Scissor Action Jacking Mechanism\]](#).  
[\[Easiwall – Electrically operated Scissor Action Jacking Mechanism\]](#).
- Bunching: [\[Single Stack\]](#).  
[\[Double Stack\]](#).
- Track: Layout: [\[S1 – Single Point Suspension\]](#)  
[\[S2 – Double Roller Suspension\]](#)  
[\[S3 – Double Roller Suspension\]](#)  
[\[S4 – Double Roller Suspension\]](#)  
[\[S5 – Double Roller Suspension\]](#)  
[\[S6 – Double Roller Suspension\]](#)  
[\[S7 – Double Roller Suspension\]](#)  
[\[S8 – Double Roller Suspension\]](#)  
[\[S9 – Double Roller Suspension\]](#)  
[\[S10 – Double Roller Suspension\]](#)
- Track finish: [\[Aluminium, RA 9010\]](#).  
[\[Other RAL colours ???\]](#).
- Panel type: [\[Standard Panel\]](#)  
[\[Telescopic Closure Panel\]](#)  
[\[Inset Passdoor Panel\]](#)  
[\[Full Height Passdoor Panel\]](#)  
[\[Angled Panel\]](#)  
[\[Glazed Panel \(Single/Double Glazed\)\]](#)



- Fire Rating Options [Class 3 as Standard].  
[Class 1 Surface Spread of Flame].  
[Class O Treated Non Combustible Substrate Board].
- Acoustic insulation: [Rw 41 dB].  
[Rw 44 dB].  
[Rw 46 dB].  
[Rw 48 dB].  
[Rw 52 dB].  
[Rw 54 dB].  
[Rw 57 dB].  
[Rw 59 dB].
- Panel finish: [LP Laminate].  
[HP Laminate].  
[Drywipe Gloss Laminate].  
[Magnetic Whiteboard Laminate].  
[Pinboard – Forbo/Sundela??].  
[Primed for decoration by other].  
[Fabric Wallcovering .....??].  
[Realwood (Species) Veneer bookmatched sequenced and polished ??].  
[Sound absorption Soundflex product with perforations ??].  
[Sound absorption stretched fabric system..... ??].  
[Non - standard ???].
- Panel vertical edge type: [Concealed – hardwearing 2mm thick edge banding].  
[Exposed – protective edge onto panel face by 7mm].  
[Rolled – protective rolled edge 2mm diameter].
- Panel vertical edge finish: [Aluminium, natural anodised].  
[Aluminium, RAL colour ???].
- Pass door handle: [With Aluminium handle and black pvc backplate].  
[With FSC handle and stainless steel backplate].

# Guidance Notes

for PremierWall / EasiWall  
from Accordial Wall Systems Ltd

## Partition Assembly:

Refer to drawing for disposition of specified elements.

## Panels:

- Full Steel frame with double skin cladding of 16 mm thick high density chipboard. Wide range of panel finishes. Exposed or Concealed panel edge profiles.

## Panel size:

- Height: Up to 10 m as standard. Higher panels possible to special order.
- Width: Up to 1250 mm as standard. Wider panels possible to special order.
- Panel with concealed edge profiles: thickness 100 mm.

## Operation:

- PremierWall - Manual relocation of panels. Seals operated by removable winding handle.
- EasiWall - Semi-electric. Manual relocation of panels. Horizontal and vertical seals activated by a 24v electric motor concealed within panel thickness. Electrical supply to panels conducted through contacts in panel edge profiles. Remote master switching (to be within sight of TE panel, for safety).
- Mains connection by main contractor: 240V 13 AMP with isolated breaker and fused spur adjacent to Accordial control box, below ceiling level and adjacent to TE panel.

## Acoustic performance:

- Can be used to limit noise transmission between rooms, using optional dense cladding, optional internal insulation. PremierWall panels have been tested to achieve sound reduction ratings of up to Rw 59 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.
- Can be used to adjust room reverberation time using optional textile coverings or optional perforated overcladding.

## Fire performance:

- Available with optional fire separation construction. Particular fire rating may not be available in all panel types and finishes. Consult manufacturer prior to specification.
- Available with optional finishes from standard range rated Class 1 Surface Spread of Flame when tested to BS476 or Class O, in accordance with Building Regulation Approved Document B.

## Track layout:

S1 Tracking- Straight runs only, panels stacked within opening. Single track, single point suspension. Four wheel hanger.

S2-S10 Tracking - For 90° movement of panels away from main track, for remote stacking. Twin point cross roller suspension.

## Track profile:

- Selection of material and profile by manufacturer, dependent on panel weight and other parameters. Consult manufacturer to confirm size.
- Ceiling angle trim allows masking of suspended ceiling edge.
- 20 mm recessed angle trim required to avoid partition panels fouling ceiling when using single point suspension.
- Recessed angle trim may be advisable in other applications, dependent on panel width and pattern of use.

## Panel type:

Where panel type varies within the partition assembly, insert identifiers for panels after each selection.

- Full height door. Full height hinged pass door panel. Fixed element, at end of run only. Includes jamb fixed to wall on hinge side of door. Reduces overall acoustic insulation of installation. Select from: unrated/ unrated with vision panel/ half hour fire rated.
- Corner, angle or T - junction panel.



- Glazed panel. Glazed area to choice. Minimum margins apply. Select from: single glazed/ double glazed/ double glazed with blinds.
- Standard panel.
- Single leaf inset pass door panel. Reduces overall acoustic insulation of installation. Select from: plain/ with vision panel.
- Double leaf inset pass door panel. Includes head panel and jamb on hinge side of door. Reduces overall acoustic insulation of installation. Select from: plain/ with vision panel.
- Telescopic closure panel. One TE panel required at end of run for each opening. Internal sleeve for visual neatness as standard, matching panel finish

**Acoustic performance:**

- Can be used to adjust room reverberation time using optional textile coverings.
- Can be used to limit noise transmission between rooms.
- Tested to achieve sound reduction ratings of up to Rw 59 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 structure.

**Acoustic insulation:**

Choose from construction offering the following nominal performance:

- Rw 41 dB. Weight: 37 Kg/m<sup>2</sup>.
- Rw 44 dB. Weight: 40 Kg/m<sup>2</sup>.
- Rw 46 dB. Weight: 42 Kg/m<sup>2</sup>.
- Rw 48 dB. Weight: 45 Kg/m<sup>2</sup>.
- Rw 52 dB. Weight: 60 Kg/m<sup>2</sup>.
- Rw 54 dB. Weight: 64 Kg/m<sup>2</sup>.
- Rw 57 dB. Weight: 68 Kg/m<sup>2</sup>.
- Rw 59 dB. Weight: 75 Kg/m<sup>2</sup>.

**Panel finish:**

Where panel type varies within the partition assembly, insert identifiers for panels after each selection.

- Acoustic backed textile overcladding. With absorbant board backing. Applied on site.
- Acoustic rigid overcladding. Choice of perforation, as standard. Choice of board finish, including veneers and spray paint, as standard. Additional panel thickness: 12 mm minimum.
- Acoustic stretched textile overcladding. Tensioned over frame without backing. Applied on site.
- Client supply finishing boards. Subject to weight, fixing type, spread of flame. Consult manufacturer.
- Laminate. Manufacturer's colour range. RAL colours and woodgrains from Duhospan, as standard.
- Melamine. Manufacturer's colour range. RAL colours and woodgrains from GLAM, as standard.
- Priming sheet. Applied sheet, ready for final finish by Contractor.
- Veneer. Manufacturer's range.

**Panel vertical edge finish:**

- Aluminium, satin anodised aluminium. As standard.
- Aluminium, powder coated any BS or RAL colour.

**Approvals:**

- Acoustic tests to EN ISO 140 - 3