

# SOUNDFOLD FOLDING DOOR SOLUTIONS

## TRANS-SPACE

MANAGING SPACE WITH OPERABLE WALLS AND DOORS



## SOUNDFOLD SERIES

FOLDING DOORS

*Proudly New Zealand owned, managed and made!*

# SOUNDFOLD SERIES

FOLDING DOORS

Folding doors are the perfect way to reduce the space taken up by standard solid doors, fill spaces that won't fit standard doors, or simply divide one area from another.

The Trans-Space Soundfold door is much more than a divider – it's also acoustically rated, which makes it easy to create meeting rooms, temporary offices or spaces to take a break. You'll have noise under control and space you can use more effectively – perfect for rest homes, schools, hotels, restaurants, clubs, lecture halls and offices etc.

Available as a single, rolling post or a dividing double, this accordion sliding door has a strong steel frame and can be covered in the fabric of your choice – we have a wide range of colours and finishes available in our range. Vinyl liners attached to the hinges provide sound-proofing (either 26 or 30 STC), while vinyl sweep seals ensure a smooth, silent slide. Hardwearing and practical, this is a versatile, economical choice.

## Need help choosing?

Soundfold is just one in the Trans-Space folding door range. For help with choosing the right door for your project, just contact us – our technical team will be happy to recommend a model to suit.



## Soundfold series specifications

### Construction

- Fabric-covered accordion sliding door with a steel frame comprising pantograph action hinges welded to 5mm steel rods.
- Single row of hinges at top, intermediate rows at approx 1200mm centres and single row at bottom.
- Internal liners for acoustic insulation as below.

### Liners

- STC 26 – an internal vinyl liner attached to each side of the hinges.
- STC 30 – an internal liner of 26 gauge galvanised steel panels attached to an independent vinyl liner each side of the hinges.
- Liners are independent of the covers.

### Arrangement

- Single door (stack one end) or double door (stack each end).
- Intermediate meeting post or rolling post options.
- Stacking may be in pockets with a sliding panel or rolling post.

### Closure moulds

- The jamb and door moulds are aluminium, finished in Arctic White powder-coat or the colour of your choice (note coloured powder-coating costs extra).

### Track

- No 12 track with plateguard powder-coated Arctic White.
- Supported by screw fixings into timber head beam (head beam designed and installed by others).
- Curved tracks available – check with Trans-Space first.

### Seals

- Vinyl sweep seals each side.

### Suspension

- Nylon-tyred wheeled trolleys on every third hinge.

### Lead post

- 32mm x 32mm x 16ga steel with four-wheeled trolley.

### Intermediate and rolling post

- Same dimensions as lead post.

### Back post

- 45mm x 38mm x 16 gauge steel fixed to jamb.

### Hanging weight

- STC 26 – approximately 15kg/m<sup>2</sup>.
- STC 30 – approximately 27kg/m<sup>2</sup>.

### Handles

- Mortice latch with handle and snib each side.

### Accessories

- Pull-in latch and pendant pulls on all doors over 2450mm high.

### Finishes (as specified)

- Materials and Fabrics in a wide variety of colours and finishes choose from the Trans-Space current selection.
- Melded fabric (e.g. Front Runner and Prelude) in a full range of colours.

### Special finishes

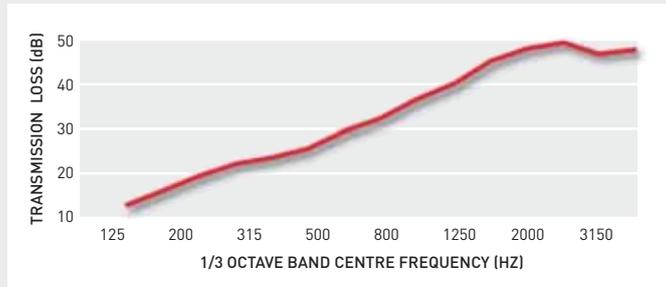
- Immense range of fabric alternatives and hardware colour variations available (subject to factory practicality). Talk to a Trans-Space representative or visit our factory/showroom.

### Acoustic performance

- Each door is manufactured to the same specification as the door tested by an independent ISO-certified laboratory to an acoustic rating of 26 or 30 STC (depending on model).

### STC – 26 or 30

- Transmission loss of Soundfold 30 tested by Uniservices Auckland to ISO 140 parts 1, 2 and 3, ISO 717 part 1, ISO 354, AS 1191-1985, NATA Accredited. Full report available on request.



### Maximum sizes

- 3.5 metres high x 8.0 metres wide (single), or 16 metres wide (pair).
- Intermediate post required for single widths over 5000mm.

### Stack dimensions

- Approximately 175mm per lineal metre of opening plus 75mm.
- Plus intermediate post if used. (35mm)
- Thickness of the door in open position is 210mm.

### Required measurements

- Fully detailed measure of opening required on a Trans-Space measure sheet before manufacture can begin.
- Typical opening measurements required:
  - Width at top, middle and bottom.
  - Height at 1m intervals across opening.
  - Head detail.
  - Floor covering detail.
- If stacking is to a pocket, as-built pocket dimensions also required.

### Installation

- By manufacturer's approved installers or by arrangement with Trans-Space.

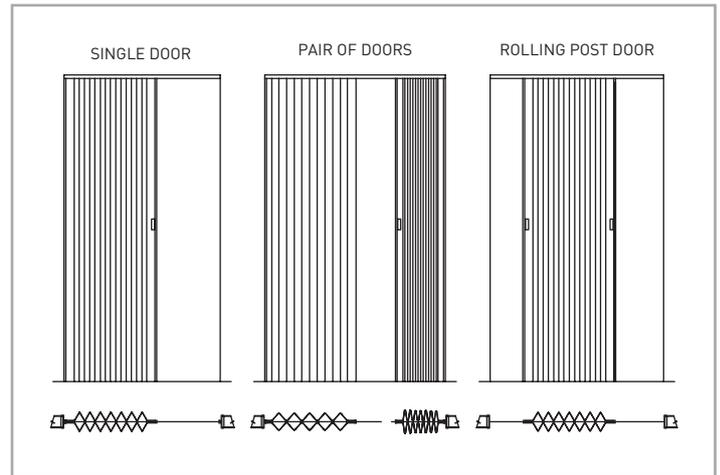
### Work by others

- All headworks required to support track by fixing with screws into timber. Deflection of head under load to be less than 5mm.
- Jamb to be installed straight and plumb. Tolerance 5mm from plumb.
- Baffle over opening to ensure no flanking paths for sound transmission.
- Smooth, straight level floor. Tolerance from level plus or minus 5mm.

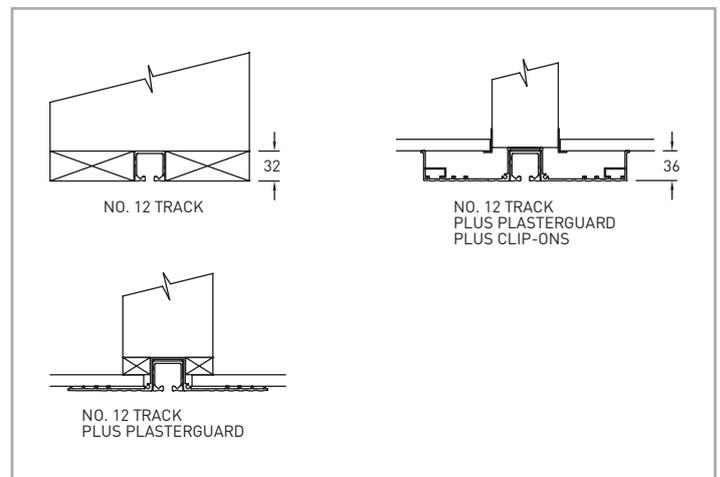
### Note

These and other detailed drawings are available as .dwg files and can be downloaded from [www.trans-space.co.nz](http://www.trans-space.co.nz). If your requirements are not represented by any of the drawings here, please contact one of our technical experts on 09 274 4089.

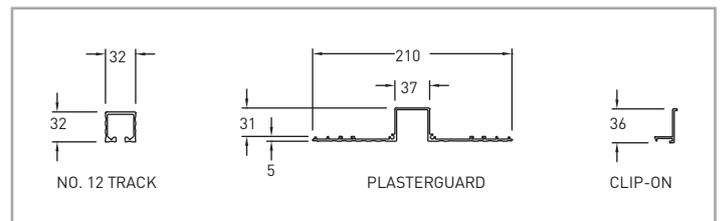
## Typical elevation and plans



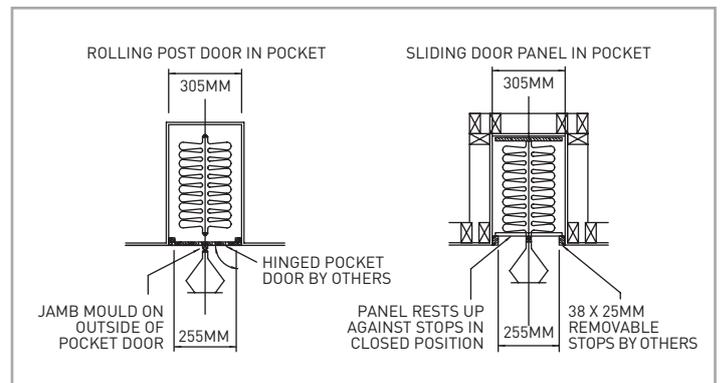
## Track options



## Track dimensions



## Wall pocket options



If you're looking for the best in folding door solutions, you've come to the right place. Offering a record of more than 60 years' performance in New Zealand, the Trans-Space team has the knowledge, the experience and the expertise to match your requirements to the finest detail.

### Tailored products...

Proudly Kiwi owned and operated, Trans-Space designs, builds and installs moveable walls and folding doors for every purpose – for businesses, homes, retail stores, schools, hotels, leisure facilities, conference venues, hospitals, rest homes... you name it, we've probably done it.

Every folding door is tailor-made for its location, its purpose and its users – and it's designed to last, with top-quality fittings, finishes and other raw materials sourced right here in New Zealand.

### World-class standards...

You can rely on Trans-Space for quality. Accredited to ISO 9001:2000, we operate stringent quality control systems to ensure world-class products at competitive prices. Every wall and door we produce has a 12-month warranty.

We're also committed to innovation, with a product development programme focused on exploring new ideas, creating new solutions and delivering better performance in every product we make.

### Service excellence...

Trans-Space has a reputation for service excellence. We'll work the way you want to work – with personal visits, in-depth product knowledge and on-site technical expertise and advice. Wherever your project and whatever your specifications, we'll be delighted to help.

### Just talk to us

For more information on Trans-Space and our products:

- click on [www.trans-space.co.nz](http://www.trans-space.co.nz)
- phone us on 09 274 4089
- send an email to [info@trans-space.co.nz](mailto:info@trans-space.co.nz)
- fax us on 09 274 7058
- visit us at 12 Lovegrove Crescent, Otara, Auckland
- write to us at PO Box 58070, Greenmount, Manukau 2141.

We look forward to hearing from you!

walls  
that **work**



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