

TRANS-SPACE

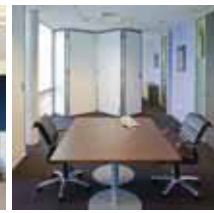
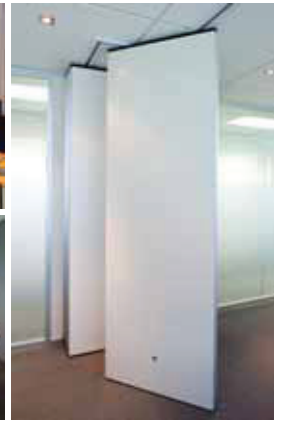
MANAGING SPACE WITH OPERABLE WALLS AND DOORS



SPACESEAL

500 SERIES
OPERABLE WALLS

Proudly New Zealand owned, managed and made!



TRANS-SPACE

MANAGING SPACE WITH OPERABLE WALLS AND DOORS

If you're looking for the best in moveable wall solutions, you've come to the right place. Whatever you need, the Trans-Space team can deliver. With a record of more than 60 years' performance in New Zealand, we have 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 operable wall 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, 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:

- online www.trans-space.co.nz
- phone us on 09 274 4089
- send an email to 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, Botany, Auckland 2163.

We look forward to hearing from you!

walls
that **work**

Proudly New Zealand owned, managed and made!



SPACESEAL 500 SERIES OPERABLE WALLS

Our Spaceseal 500 series is the most popular in our moveable wall range. Versatile and robust, it's an ideal solution for transforming spaces large and small.

The series has three models. Each one:

- is top hung - which means no unsightly floor tracks
- is available in a choice of three high-acoustic properties - 43, 45 and 47 STC
- features bottom mechanical floor seals
- can have pass doors and a stacking pocket
- includes an aluminium trim that can be anodised or powder-coated with any standard available colour
- can be finished in your choice of fabric, vinyls, laminates, paints, whiteboards vertiface on composition, you name it.



The 501 series

Our 501 wall is ideal for schools, hotels, churches, conference areas and offices where two or more meetings often take place simultaneously.

Made up of individual panels that fit neatly together for use, it can be separated, stacked and stored at a separate location with our specially designed tracking system - leaving a clean, uncluttered opening.

Each panel has the ability to turn at 90 degrees to the centre line of the track, a super-strong structure that can handle very high and heavy loads. Suitable for all heights and widths, this wall is a great combination of rugged performance and easy, convenient handling.

The 502 series

If you want to be able to create two rooms out of one large area, the 502 series is for you.

The wall panels pivot at the centre and are hinged together in pairs, making for a fast set-up and easy opening and closing. And when you no longer need it, the wall slides smoothly to one side (or to both sides of the opening if you prefer).

The 503 series

The 503 is the choice for openings less than seven metres wide.

Centre pivoted and continuously hinged, the panels combine to create a strong, stable and almost seamless wall of any length - with all the advantages of easy opening, snap closing and effortless storage (the wall can either concertina to one side or be a paired centre opening). It doesn't even need extra ceiling support - the centre track takes the load.

Need help choosing?

For help with choosing the right wall for your project, just contact us - our technical team will be happy to recommend a model to suit.



Spaceseal 500 series specifications

Panels

- Appearance similar to a permanent wall.
- Aluminium framing.
- MDF skins insulated with fibreglass.
- Finish as specified (see below).
- Intermediate panels - 1200mm max to 600mm min wide.
- Aluminium trim at vertical edge only - no visible aluminium on the panel face, leaving a clean professional looking panel.

Seals

- Vertical seals to each jamb are adjustable astragal extrusions.
- Vertical seals between panels are tongue and groove aluminium extrusion astragals with quadruple finger seals.
- Top sweep seals and bottom mechanical seals with a maximum 50mm travel.

Arrangement

- 501 - offset or remote stacking available. Can be remote stacked anywhere that access track and grid can be located.
- 502 and 503 - stack on the centre line of the track. Either single (stack one end) or paired (stack both ends).

Access

- 501 - jamb-hinged pass door or (on max-sized panels only) pass-through door in main panel.
- 502 - jamb-hinged pass door or pass-through door on large panels.
- 503 - by lead panel pass door.

Closure

- 501 - by expanding edge (max travel 90mm) on trail panel or jamb hinged pass door (JHPD).
- 502 - by expanding edge or jamb-hinged panel.
- 503 - by lead panel pass door 850mm to 910mm wide.

Track

- 501 - 81 x 110 S53 track.
- 502 and 503 - 50 x 100 S51 track.
- Flanged to accept ceiling tiles and installed 10-15mm proud of ceiling line to prevent panel seals interfering with ceiling during operation.
- 501 - all track intersections welded.
- Powder-coated Arctic White.
- Other colours available at additional cost.

Suspension

- 501 - two twin wheeled reinforced nylon pucks per panel.
- 502 and 503 - four ball bearing wheel sledge trolleys.
- 502 - one trolley on each panel.
- 503 - one trolley on alternate panels.

Stack space

- 85mm per panel + 50mm.

Pocket size

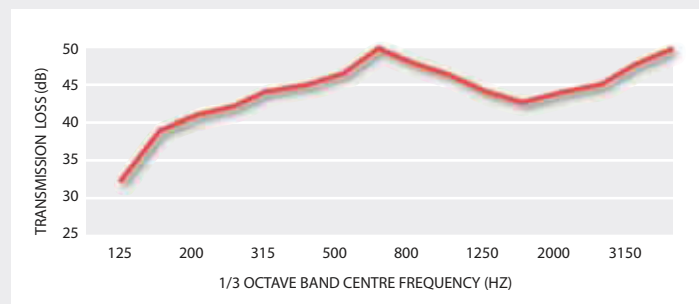
- 501 - if pocket required, use panel width plus 200mm as minimum, or use 'angle parking' (see illustration).
- 502 - if pocket required, use panel width plus 200mm as minimum.
- 503 - if pocket required, use panel width plus 250mm as minimum.

Acoustic options / Hanging weight

- STC 43 / 32kg/m²
- STC 45 / 38kg/m²
- STC 47 / 43kg/m²

Acoustic performance

- Transmission loss 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.



Operation

- 501 - top-supported, double-hung, independent panels, manually operated.
- 502 and 503 - top-supported, centre-hung, hinged-operable wall, manually operated.
- 502 - hinged as pairs.
- 503 - continuously hinged.
- Bottom mechanical seals and expanding edge manually operated with Trans-Space key.

Finishes (as specified)

- Any commercially available finish - fabric, sheet or roll-up material to 12mm thick, limited only by practicality. Includes timber veneers, vinyls, laminates, paints, whiteboards, pinboards, chalkboards, projection screens or a combination of fabric and timber.
- Aluminium trim powder-coated to any standard available colour.
- Anodised trim available.

Required measurements

- Detailed measure of opening required on a Trans-Space measure sheet before manufacturing begins. (Trans-Space will complete a site measure)
- Typical opening measurements required:
 - Width at top and bottom
 - Height at 1m intervals across opening
 - Head detail
 - Floor covering detail
 - Closure detail, including door swing direction
 - Stack end operator key side.
- If stacking in a pocket, consult Trans-Space for requirements.

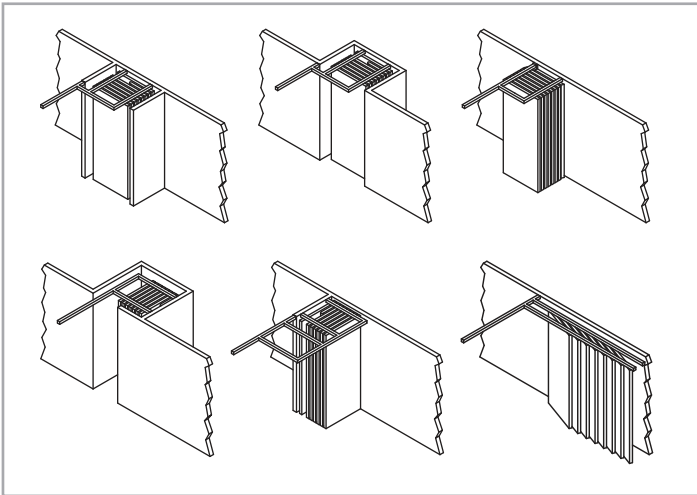
Installation

- By manufacturer's approved installers only.

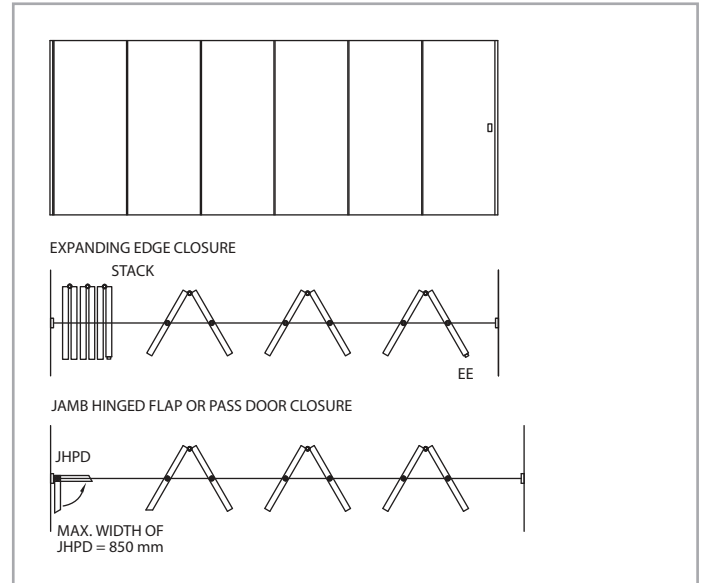
Work by others

- All headworks required to support track. 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.

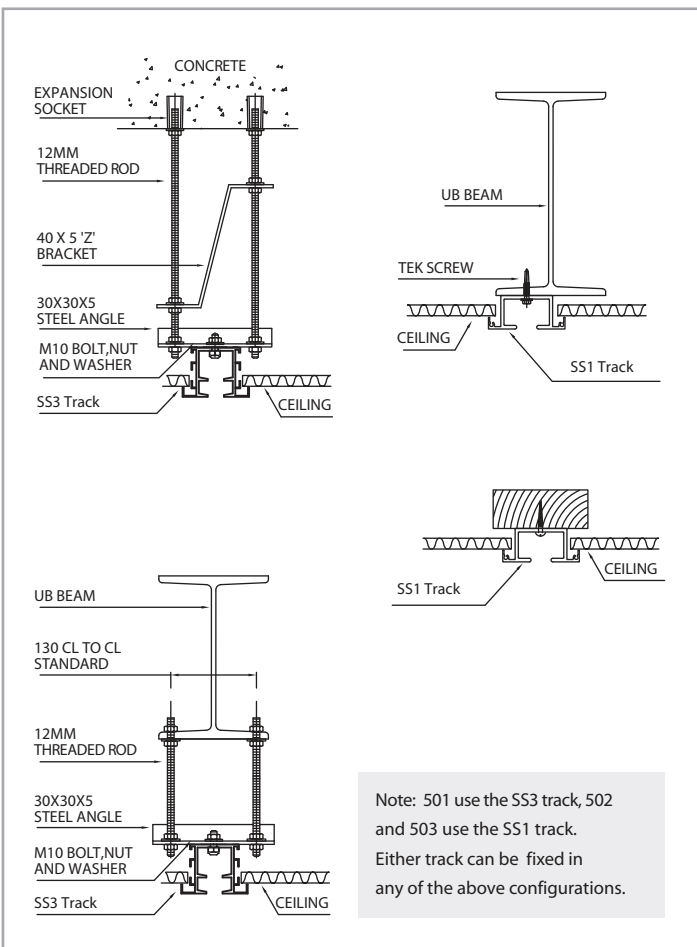
Typical 501 stacking options



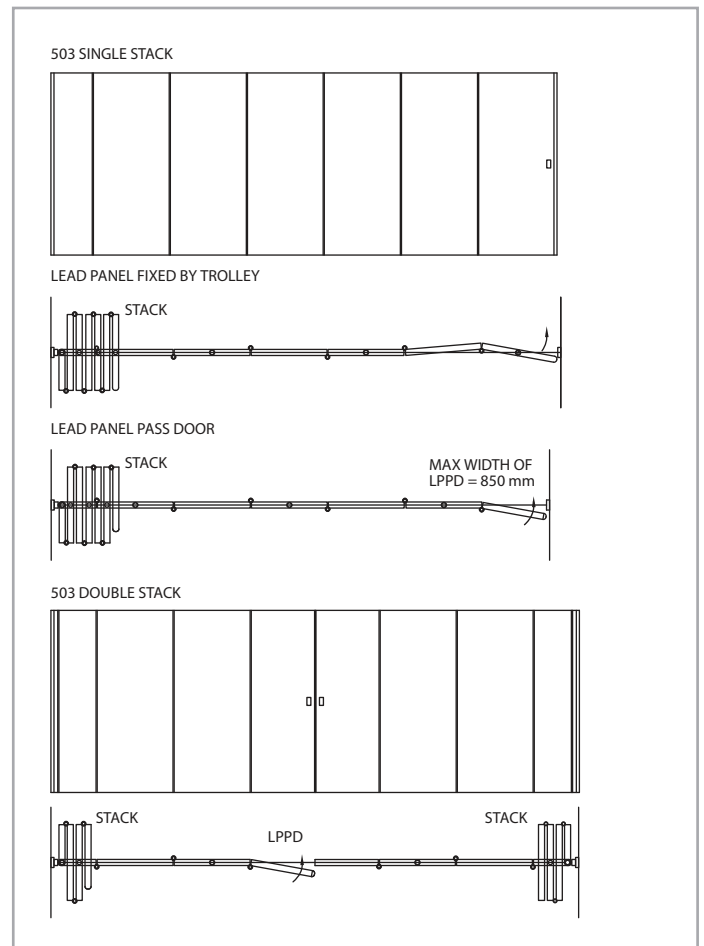
Typical 502 layout options



Typical head fixing options



Typical 503 layout options

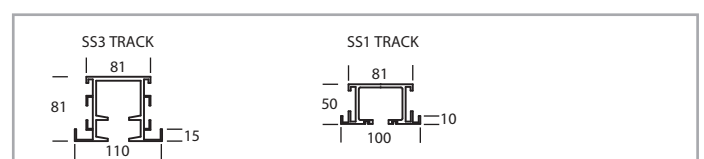


Note

These and other detailed drawings are available as .dwg files and can be downloaded from the Trans-Space website. www.trans-space.co.nz

If you have requirements that are not represented by any of the drawings shown, talk to one of our technical representatives today, contact Trans-Space on 09 274 4089.

Track dimensions





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T: +64 9 274 4089
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E: info@trans-space.co.nz
W: www.trans-space.co.nz

12 Lovegrove Crescent, Otara
PO Box 58070
Botany, Auckland 2163
New Zealand

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