



Operable Wall Systems



the

MonoWall

collection

Operable Movable Walls

# Contents



Introduction



Specification



Stacking Arrangements



Panel Options



Finish Options



Specialist Board Options



Head Fixing Details



Warranties



MonoServ

# Introduction

Monowa's top of the range Operable Movable Walls offer endless variations of surface finish, acoustic solutions and track layouts to give the end user maximum space utilisation and performance.

Operable Moveable Walls are suspended from a head track, (no floor track necessary) and comprise of single panels which can be rolled out of a stacking bay to form the desired acoustic room division.

There are two types of suspension available:

Single Point - One carriage assembly at the top of each system stacking centrally on main line of track (see stacking arrangements).

Twin Point - Two carriage assemblies with system being able to stack in a variety of configurations (see stacking arrangements).

Effortless operation with our roller systems and locking mechanisms, make all our systems uncomplicated and simple to both manoeuvre, position and stack away.

Panels are built with two particle boards encapsulated by satin anodised aluminium extruded profiles.

The internal cavity is insulated using multiple layers of sound absorbing materials to achieve the required acoustic specification.

All these systems can be specified with either manual, semi-automatic or fully automatic operation.



# Specification

## Suspension & Support:

Top Hung via supportive head track, no floor track necessary. Either Single Point or Twin Point configuration (see stacking details in next section).

## Specification Sound Reduction Range:

Up to Rw59dB.

## Operation:

Manual, Semi-Automatic and Fully Automatic.

## Weight Range:

35 Kg to 75 Kg per m2.

## Maximum Height:

Up to 11,000 mm.

## Maximum Panel Width:

Up to 1250mm Panel Width.

## Panel Thickness:

Up to 120mm.

## Maximum Opening Width:

Varies according to system height and configuration.

## Fire Ratings:

30mins & 60mins available

## Panel Finishes:

Include: Laminate, Veneer, Dry Wipe, Magnetic Dry Wipe, Vinyl, Paint, Pin Board, Fabric, or Primed for on-site decoration by others.

## Panel Profiles:

Satin Anodised Aluminium (SAA) as standard, Electrostatic Powder Coating (EPC) also available in all RAL colours.

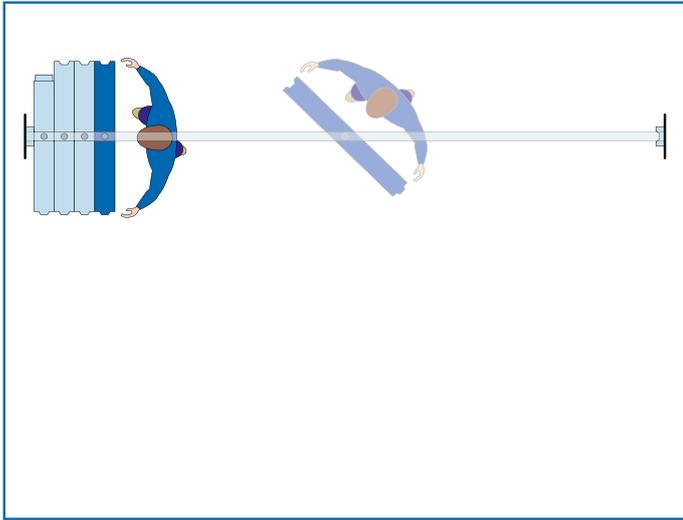
## Track Options:

Single Point aluminium track in Electrostatic Powder Coated (EPC) white.

Twin Point aluminium track in Electrostatic Powder Coated (EPC) white, made to bespoke configurations to client specification and design.

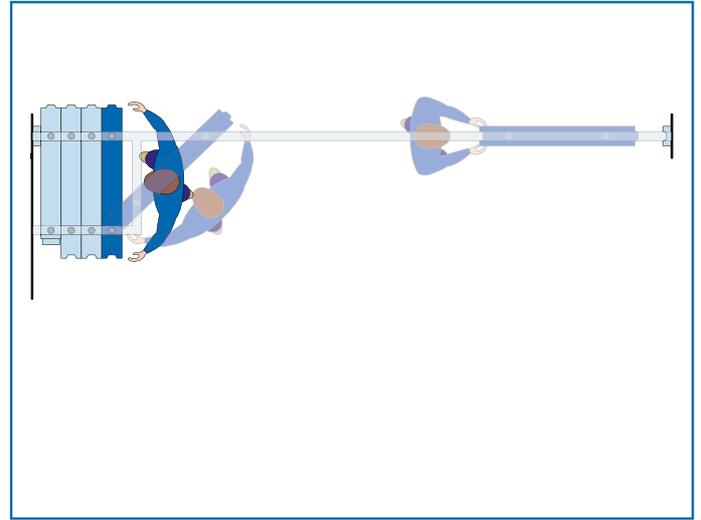


# Stacking Arrangements



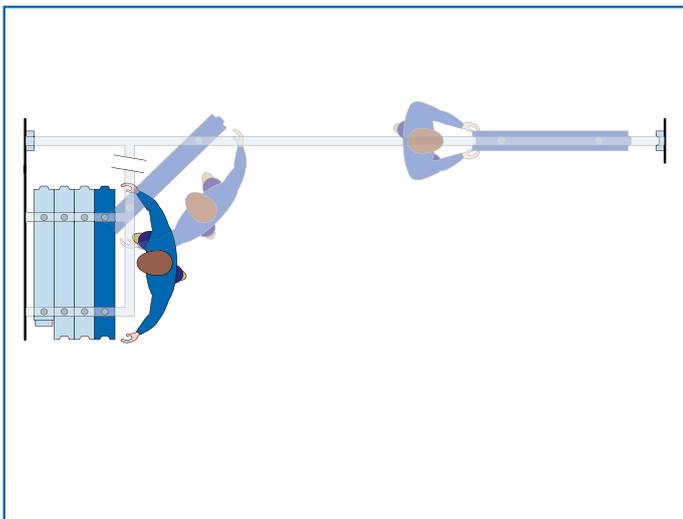
## M1 - Single Point Central Stack.

Each panel runs along the head track on a single, central carriage. Panels can turn freely and are stacked at one end centrally to the track



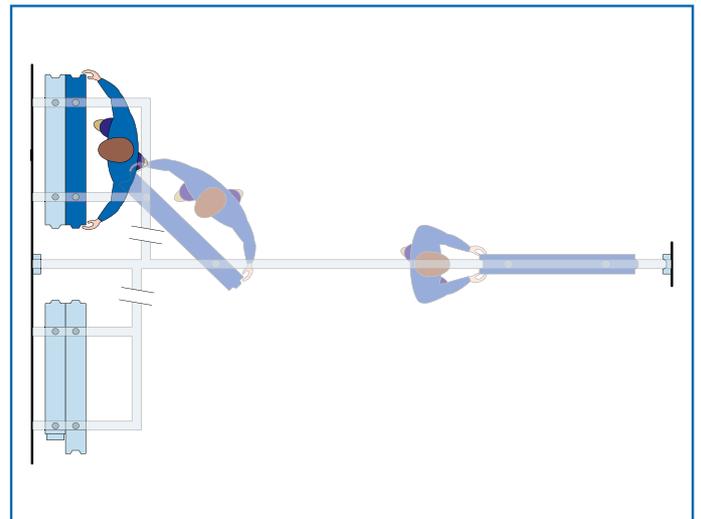
## M2 - Twin Point Offset Stack.

Each panel runs along the head track on two carriages. Panels do not turn freely but are controlled by both carriages to positively line up with the stacking area.



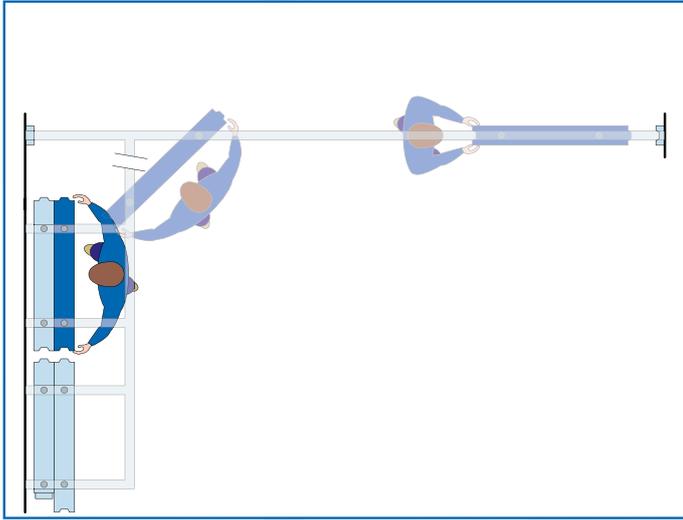
## M3 - Twin Point Remote Offset Stack.

Similar to the M2 stacking layout but there is a branch track between the main line and first stack leg. The branch track length can be adjusted to suit site conditions.



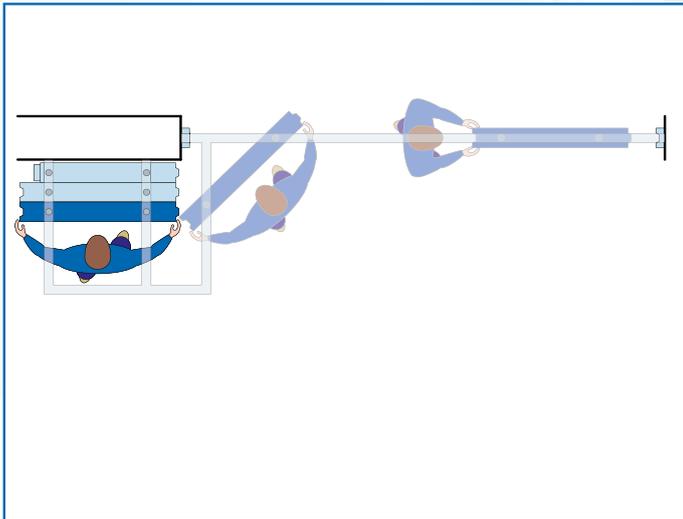
## M4 - Twin Point Dual Remote Split Stack.

Dual remote stacks can be used to maximise room space and reduce depth of panel stacks.



### M5 - Twin Point Dual Remote Stack.

Another variation of the dual stack layout, this time using a double stack offset to one side.



### M6 - Bespoke Stacking Arrangements.

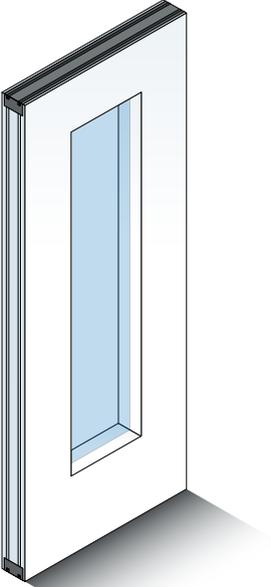
Tailored arrangements can be agreed with our technical team.



# Panel Options

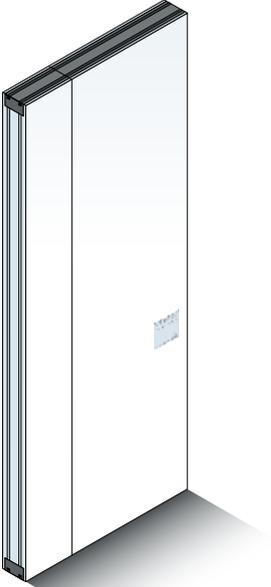


Basic Panel



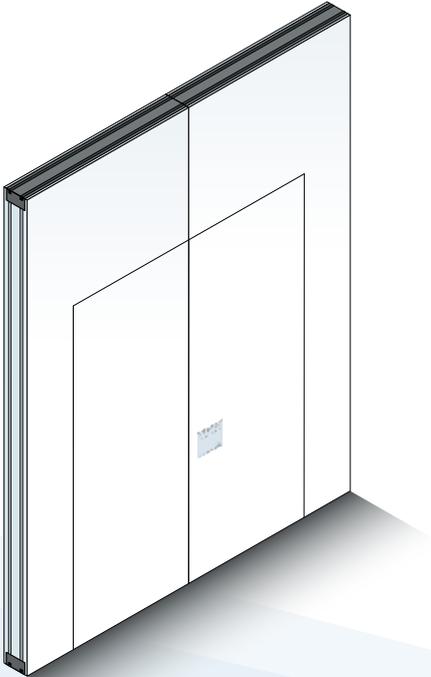
Max Glazed Panel

With maximum sized optional vision panel

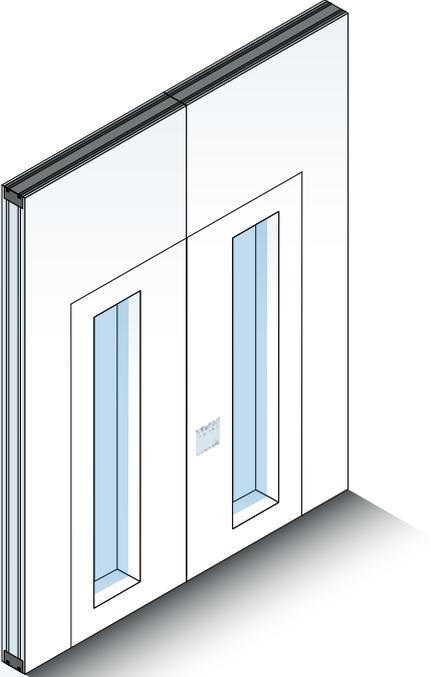


Full Height Pass Door

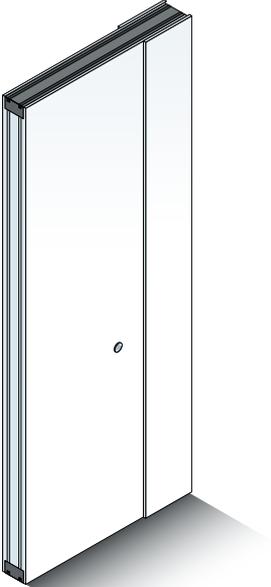
Permanently hinged to wall jamb



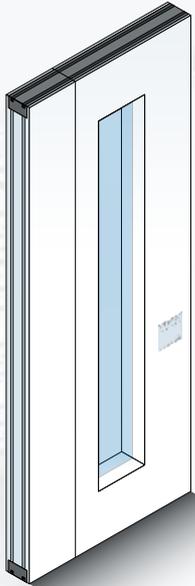
Double Inset Pass Door (DIPD)



Double Inset Pass Door (DIPD) With optional bespoke vision panels

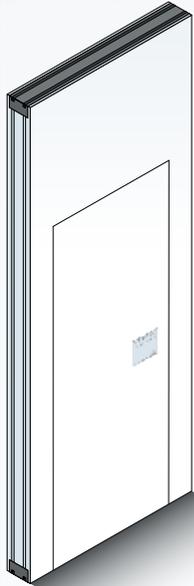


Telescopic End Closure Panel (TE)



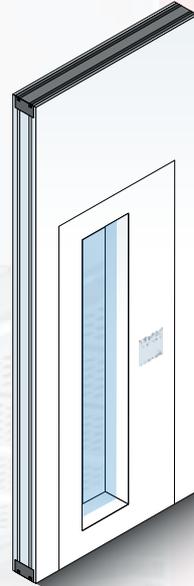
### Full Height Pass Door

(FHPD) Permanently hinged to wall jamb, with optional bespoke vision panel



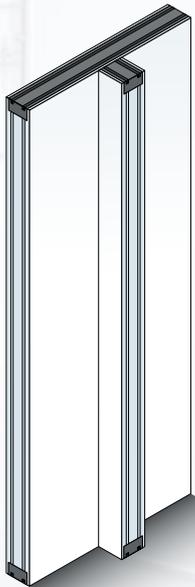
### Inset Pass Door

(IPD)



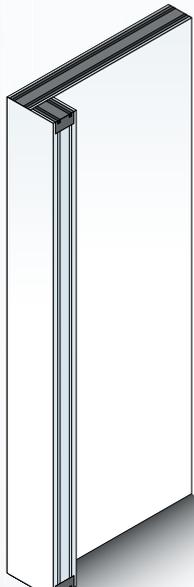
### Inset Pass Door

(IPD) With optional bespoke vision panel



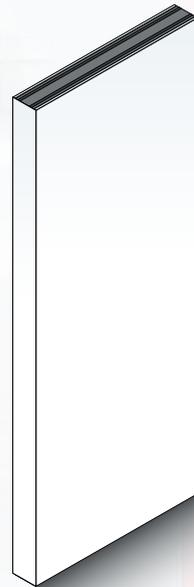
### Junction Panel T

(JPT)



### Junction Panel L

(JPL)



### Capped End Panel

For schemes specified with open ended division

# MonoSwatch

## Laminate Finishes



The mark  
of responsible forestry

Our extensive range of panel finishes are the perfect compliment to your design and specification needs, to give your project that extra touch of quality, aesthetics and unrivalled performance.

All of our laminate finishes are laid onto a decorative paper film which is then impregnated with laminate resin, to give a high resistance to wear and abrasion from day-to-day use. This layer is then bonded to either, engineered particle board or medium density fibreboard (MDF) depending on specification.

We have three ranges for you to choose the best finish for your needs, the first being our standard range. This comprises of the most popular solid colour and timber effect finishes which are available at no extra cost. Moving on we have our extended options where, for a slightly higher cost you have more solid and wood effect options to choose from. Then there is our bespoke range, where a particular finish has been specified. Details of both our extended and bespoke ranges are available upon request.

Not only can we supply a wide variety of colours and timber effects, we can also supply these with various textures to add an extra special tactile quality to your scheme.

Our laminate faced board supplier has been audited to meet the requirements of standard(s) FSCSTD-40-004 (Version 3.0) EN and FSC-STD-50-001 (Version 2.0) EN for FSC® Chain of Custody Certification Scope of certification: The Purchase, Sales and Distribution of Timber Products.

The laminate faced boards do not require any special care. If required the surfaces can be cleaned with soft, non-abrasive cloths or sponges. All commercially available mild surfactant-based agents which may not contain any abrasive components are suitable.



# MonoSwatch

## Standard Laminate Colour Options



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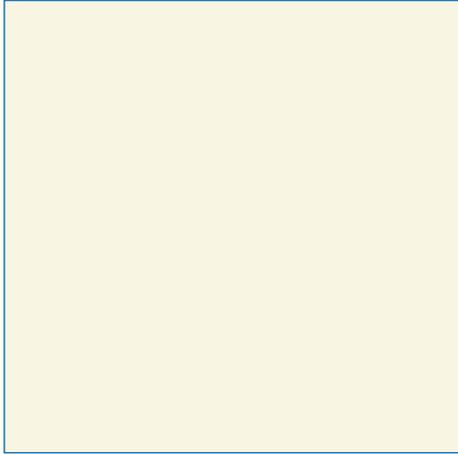
These laminate options opposite form our standard collection. We have chosen this collection for it's ability to fit with most decor and colour schemes within a project.

Choose from either the solid colour range or wood effect to complement your interior design aesthetics and fulfilling your clients brief.

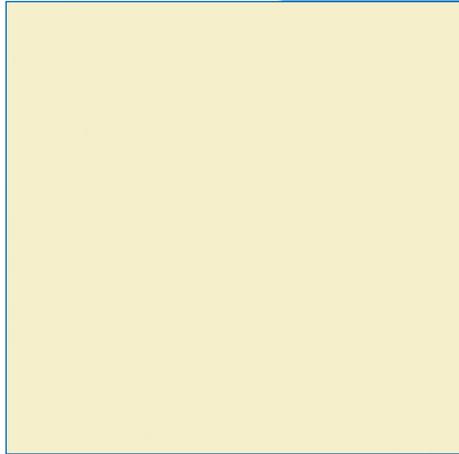
All standard colour and wood effect options are available in a subtle textured finish providing a soft mottled sheen when the light glances over the partition seen in the photo below.



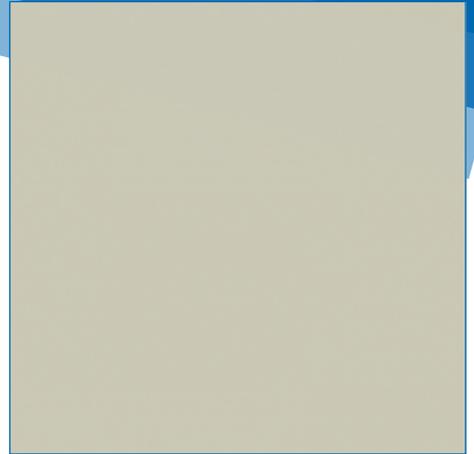
E&OE: Whilst every care has been taken to make this information and these finishes as true a representation as possible, printed media and/or computer screens will give slight variations. Samples of the actual finishes can be made available on request.



Gram White  
131/5



Beach  
UL180



Light Grey  
U210/6



Planked Beech  
H800



Ferrara Oak  
HN334



Honey Maple  
HN521



Birch  
H4404



Ash  
HN225

The colours and finishes in this brochure are from our standard range, many more colours and effects are available with our extended options and bespoke collections available upon request

# Specialist Panel Options



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Our specialist board finishes make our partitions even more versatile wherever they may be situated.

## MonoWipe

A dry wipe finish making the panels into a whiteboard, perfect for brainstorming in the boardroom or working out a tricky maths equation in the classroom or lecture hall.

## MonoMag

The same dry wipe functionality as our MonoWipe panels but, with the added bonus of having a surface that can be used to accept a magnet.

## MonoPin

MonoPin is made from 100% recycled cellulose fibres, making it both ecologically sustainable and robust, creating the lowest life cycle cost option for wall displays and notice boards in a wide range of settings.

## MonoFab

MonoFab is a plain weave panel fabric available in a wide selection of commercial colourways. One of our most popular vertical surface fabrics, this fabric is largely acoustically transparent and as such is ideal to be used as a decorative facing for sound absorbing boards.

## MonoSorb

MonoSorb is specifically designed to reduce and control reverberated (echo) noise in building interiors. MonoSorb is manufactured from 100% polyester fibres and does not contain formaldehyde binders. MonoSorb polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.



MonoWipe  
Dry Wipe



MonoMag  
Magnetic Dry Wipe Boards



MonoPin  
Pin Board



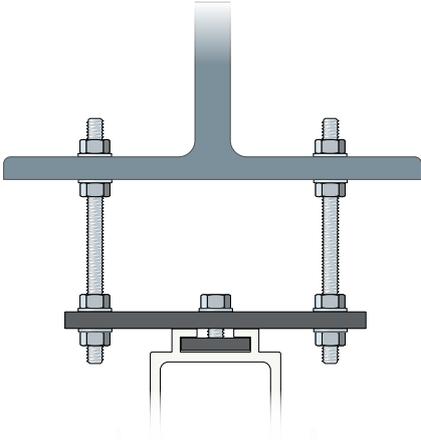
MonoFab  
Fabric Wrap



MonoSorb  
Sound Absorbion

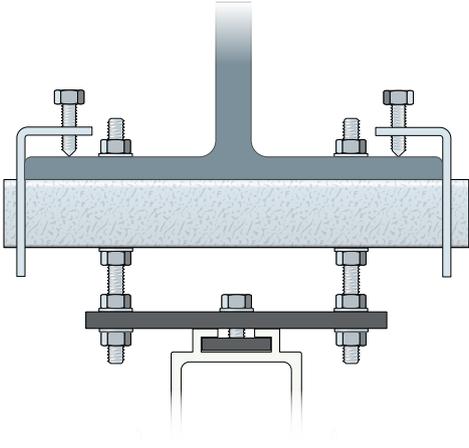
# MonoWall

## Fixing Details Steel Beams



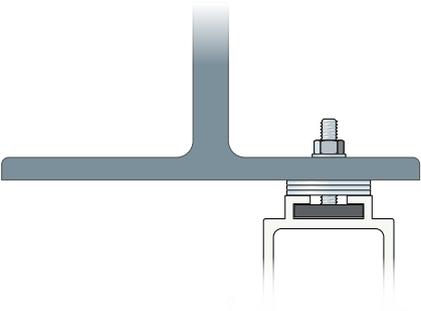
MS 100

Straight RSJ ('I' Beam) Fix For  
Single Point and Twin Point Track



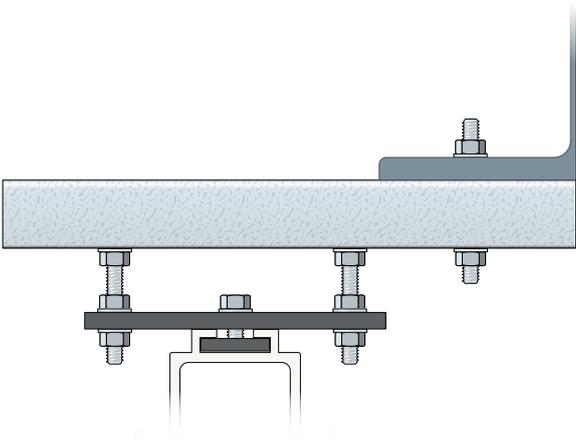
MS 101

Beam Clamp RSJ ('I' Beam) Fix For  
Single Point and Twin Point Track



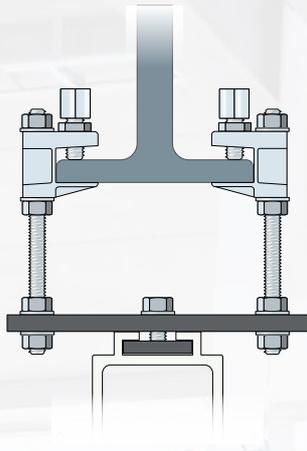
MS 103

Direct RSJ ('I' Beam) Fix For  
Single Point and Twin Point Track



MS 104

Offset/Cantilever RSJ ('I' Beam) Fix For  
Single Point and Twin Point Track



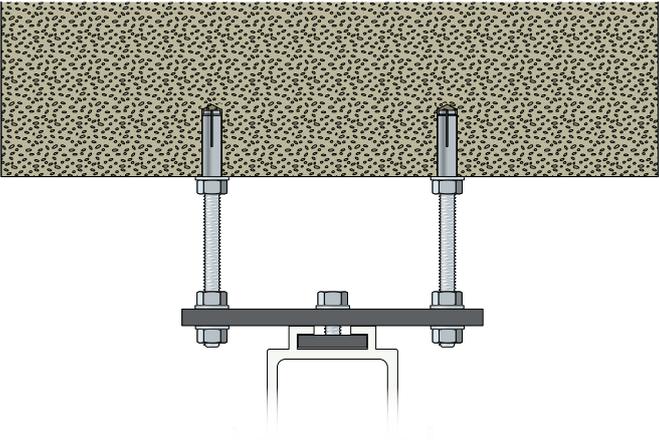
## MS 102

Flange Clamp Narrow RSJ (1" Beam) Fix For  
Single Point and Twin Point Track



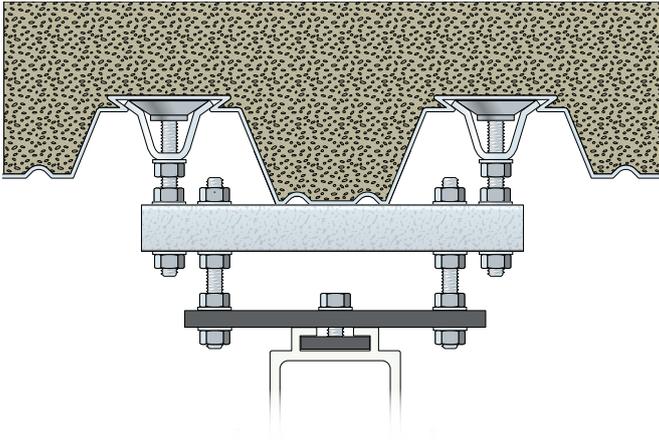
# MonoWall

## Fixing Details Concrete Slabs & Decks



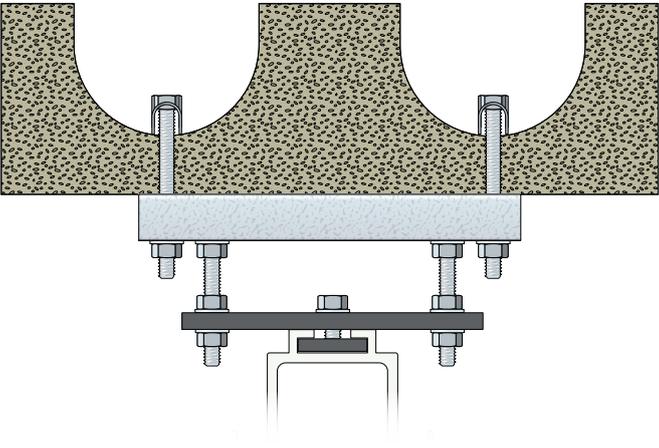
MC 100

Straight Concrete Fix For  
Single Point and Twin Point Track



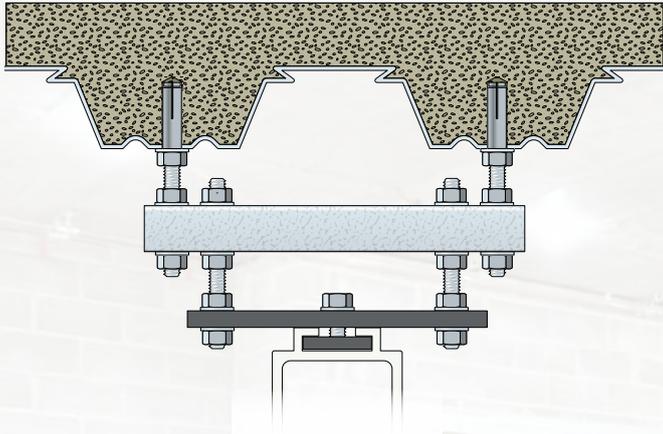
MC 101

Composite Deck Fix with Wedge Fixings For  
Single Point and Twin Point Track



MC 103

Hollow Pre-Cast Concrete Fix For  
Single Point and Twin Point Track



## MC 102

Composite Deck Fix with Straight Fix For  
Single Point and Twin Point Track



# Warranty

Monowa Operable Wall Systems Ltd warrants products for a period of 12 months from the date of delivery/installation or clients handover date by Monowa Operable Wall Systems Ltd.

Extended warranty arrangements may be agreed with our sales team at time of order.

The Goods shall: (a) conform in all material respects with their description; (b) be free from material defects in design, material and workmanship; and (c) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979).

For further piece of mind, we would always recommend taking out our offer of a MonoServ service, maintenance and safety packages for your PPM (Planned Preventative Maintenance) programmes.

We have a variety of packages available to suit your circumstances. Our qualified engineers will visit your site and keep your movable wall in good working condition, so it may serve you well for many years to come, even when the defects liability period has run its course.

Full details of all our services for your PPM (Planned Preventative Maintenance) programmes, can be found in the next section of this brochure.



# Certificate of Warranty

Monowa Operable Wall Systems Ltd  
MonoWall Operable Wall  
550055 Apex Head Office

Date of Installation  
02.02.22

Date of Expiry  
02.02.23

Monowa Operable Wall Systems Ltd warrants that upon delivery, and for a period of 12 months (unless otherwise specified within the Order) from the date of collection/delivery or Handover of Services work at Practical Completion by Monowa Operable Wall Systems Ltd, the Goods shall: (a) conform in all material respects with their description; (b) be free from defects in design, material and workmanship; and (c) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979).  
Monowa Operable Wall Systems Ltd immediately upon the discovery of any defect by means of email to the details: [sales@monowa.co.uk](mailto:sales@monowa.co.uk) or 01923 244 258.

SYSTEMS LTD



...er House, Victoria Street, St. Albans, Hertfordshire, United Kingdom





## SFG20

Our range of Operable Walls & Sliding Folding Systems have been designed and engineered to a high standard and given the right care, attention and maintenance they will last for many years.

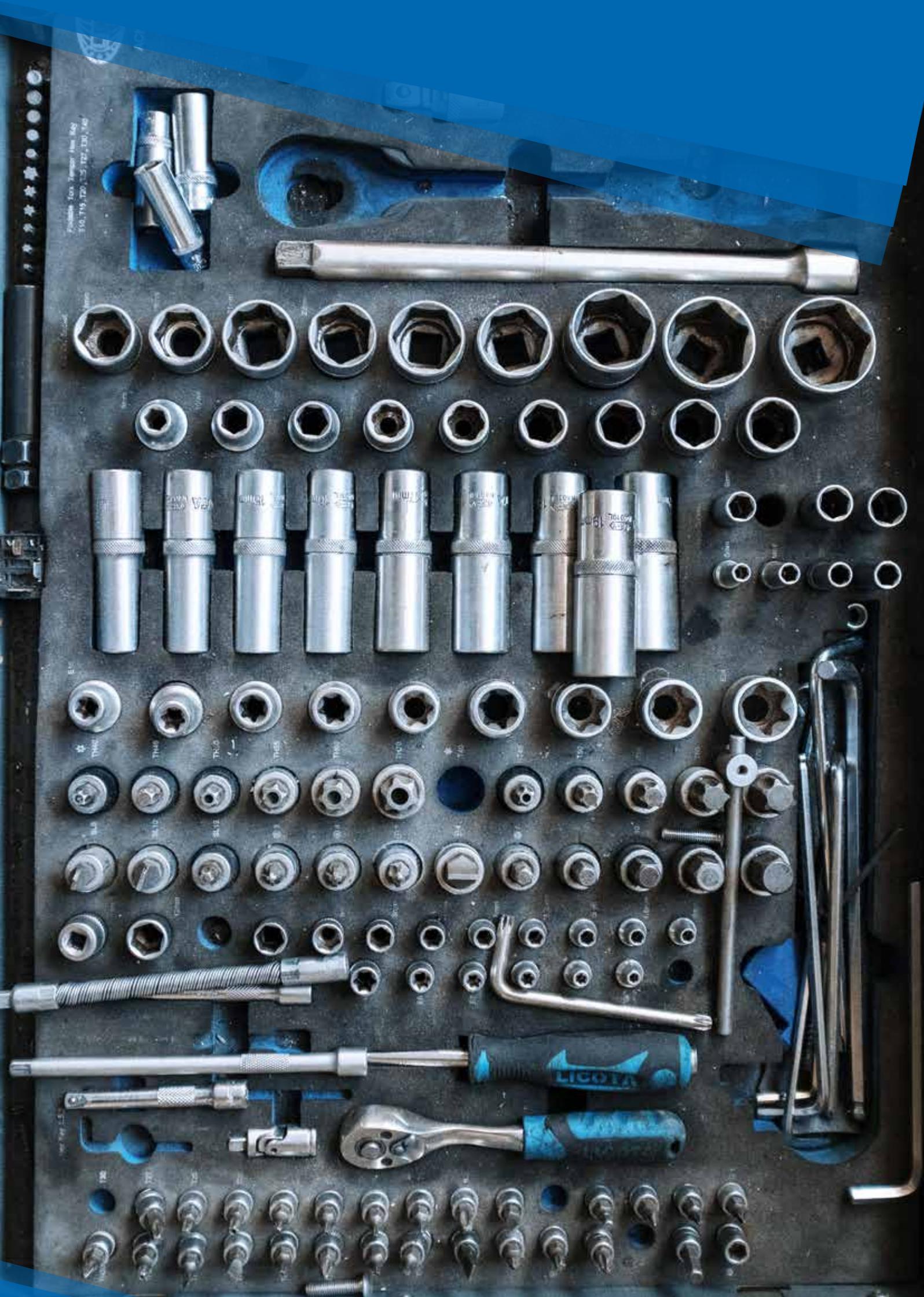
Monowa highly recommend that a thorough service is carried out every 12 months depending on the daily usage to fulfill for your PPM (Planned Preventative Maintenance) programmes. A regular service can save you money in the long term as this could highlight any potential costly repairs before they become a serious problem.

We are not restricted to just Monowa products, our engineers are all qualified to work on all manufacturers movable walls which makes using our MonoServ packages very advantageous when maintenance budgets are concerned. We can also supply parts for most manufacturers systems.

All of our MonoServe packages exceed the SFG20 industry standard, by the Building Engineering Services Association (BESA), giving you peace of mind that you will be fully compliant, in the respect of this element of you PPM program.

When booking a service plan please let us know of any issues or difficulties before we come. Many issues can be diagnosed beforehand giving our teams the opportunity to bring and extra parts to remedy the situation, thus cutting down on any further disruption or extra call outs.

We understand that 'one size' does not fit all, with this in mind we offer three packages to make MonoServ even more flexible



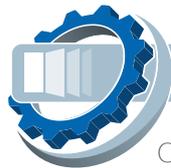
# MonoServ Packages

Comprehensive but simple service,  
maintenance and inspection  
packages tailor-made to  
your needs.



## **MonoServ** Bronze Package

'One Off' service. A comprehensive service as and when required. We will contact you annually as a reminder. This option does not have discounted rates available.



## **MonoServ** Silver Package

Our Silver option is a 3 year package, with a price reduction (invoiced annually). We will contact you each year for the 3 year duration, to book your service at a convenient date. This option will entitle you to a discounted rate on any parts should they be required.



## **MonoServ** Gold Package

Our Gold option is the most cost effective. We will contact you each year for the 5 year duration, to book your service at a convenient date. This option will entitle you to a discounted rate on any parts should they be required.

# More Details

A closer look of what is included and what you can expect when you retain the MonoServ range of service, maintenance and inspection packages.



## **MonoServ Biennial Contracts**

Don't need servicing every year? Simply sign up to our Silver or Gold packages and turn them into a biennial package, covering you for six or ten years, at the same price.



## **MonoServ Reactive Call Out**

Have an issue with your movable wall but are months away from your annual inspection? Not a problem, contact us and we can arrange a reactive call-out inspection and repair\*. Even if you have not signed up for one of our packages, please call us, we can still perform a reactive call-out for your piece of mind.



## **MonoServ Payment Details**

No up-front costs! It doesn't matter if you just have the Bronze package, or decide to go with our Silver or Gold options, there are no up-front costs. We will only issue an invoice after each yearly visit once the scheduled work has been carried out (subject to credit).



## **MonoServ Service Records**

To comply with Health & Safety, all service works are recorded by our engineers with a maintenance inspection report and a completion certificate. These are processed by head office and emailed to you for your records. Please note, for a Reactive Call Out, a completion certificate will be issued advising of the work undertaken.

\*Where possible we will always come to site within 48hrs of the initial call. There may be an occasion when we need to order parts and quote for a chargeable return visit.

# MonoWall

## Operable Walls

### Works Carried Out

- ✓ Re-levelling of panels
- ✓ Checking of top trolleys for damage/wear
- ✓ Lubrication of top carriages
- ✓ Checking of head track for damage/wear
- ✓ Lubrication of internal cavity of head track
- ✓ Checking of top and bottom retractable seals
- ✓ Securing top and bottom retractable seals (where applicable)
- ✓ Checking of silicone acoustic seals
- ✓ Checking for visible signs of faults/damage and reporting on condition
- ✓ Cleaning of aluminium edge profiles
- ✓ Cleaning of face boards
- ✓ Full demonstration of wall
- ✓ Issue of completion certificate for your maintenance records

Where applicable, minor works which have been identified during the service will be done FOC such as:

- ✓ Re-securing of wall posts
- ✓ Changing of escutcheons

### Extra Works

Where any major works have been identified this will be brought to your attention by our operatives at the time of service and a separate quotation will be forwarded for your consideration. Major works include (but not limited to):

- Carriage changes
- Internal damage to mechanisms
- Missing components/parts

We carry most spares for different manufacturers systems; however, this will have to be discussed at the time of service as we may not carry the specific spare in stock.

Sign up for our silver or gold packages and benefit from 20% off the cost of spare parts

# Contact Details

Registered Company Name:

Monowa Operable Wall Systems Ltd

Head Office:

Greenacres  
Flaunden Lane,  
Belsize  
Rickmansworth  
WD3 4NS

Tel:

01923 244 258

Email:

[sales@monowa.co.uk](mailto:sales@monowa.co.uk)

Web

[monowa.co.uk](http://monowa.co.uk)

## Company Contacts

Service & Maintenance:

[servicing@monowa.co.uk](mailto:servicing@monowa.co.uk)  
01923 244 258

