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FOLDING DOORS



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About Us

Unifold is an Australian owned company with decades of experience in the design and manufacture of acoustic movable partitions and accordion doors. We are proud to serve a national and international customer base, working with some of the best tier 1 and 2 builders all around Australia. Our customers can count on our accessibility and willingness to assist, from their first enquiry right through to installation and onwards.

We've been making acoustic dividing products since 1984. Fast forward to today and our culture is very much the same although we're not just talking folding doors. We now have a range of high quality operable wall and glazed products. Over the years we have evolved to become more than just a manufacturer. We design, consult, engineer, install and maintain. We look forward to being of service to established and new customers seeking a quality, custom solution to their partitioning an acoustic management needs for many years to come



Learn more about us at
unifold.com.au/about

Values



RESPECT

We respect and value our customers and team mates alike, and the contribution that they make.



TEAMWORK

We combine our energy, skills and resources to deliver the best achievable results.



PERSEVERANCE

No matter how difficult or challenging the task, we finish what we started



CULTURE

We check our egos at the door, committed to supporting our customers whilst creating a healthy, fun and productive work environment.

The Unifold Difference

At **Unifold**, we offer more than just operable wall systems – we offer peace of mind. With over 40 years of proven expertise, we've become a trusted name in Australia and throughout Australasia, delivering high-quality folding doors, operable walls, and sliders to some of the region's most iconic spaces.

- **Built for Performance**

Every product is designed and manufactured in Australia using top-quality, carefully selected materials that meet high durability and sustainability standards – backed by our standard 3-year warranty and extended warranty options.

- **Reliable Supply, On-Time Delivery**

We understand the demands of project timelines. Our strong supply chain, express service options, and efficient installation process help ensure your project is delivered on time and with minimal disruption.

- **Sustainability Aligned**

We prioritise eco-conscious design and materials to help our clients align with their sustainability goals. Unifold is a proud member of the Green Building Council of Australia.

- **Fast, Responsive Service**

From quote to completion, our team offers fast turnarounds and expert support – whether it's a drawing request, technical clarification, or on-site collaboration.

- **Australian Owned, Designed & Made**

Serving clients throughout Australasia and beyond, we are proud to deliver local expertise with global reach.

- **Trusted and Proven**

Recognised by design and construction professionals nationwide, Unifold is proud to have supplied award-nominated products for countless projects across sectors.

We are committed to building trusted relationships and delivering great outcomes. From your first enquiry through to installation and ongoing support, you can count on Unifold to be professional, honest and customer focused — every step of the way.

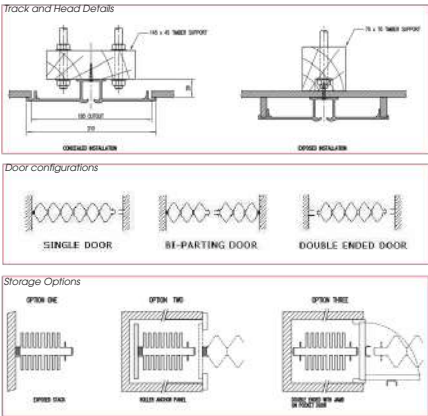
Soundguard Doors

Application

The Soundguard Acoustic Accordion Doors are the perfect Solution for spaces where a quick acoustic or visual barrier is needed. Schools, offices, meeting rooms, and even homes can benefit from the ease of use and acoustic separation that is provided by Unifold's line of Soundguard Accorcion Doors.

Sound Reduction

The Soundguard Acoustic Accordion Doors are the most effective sound rated Accordion doors in Australia. Soundguard doors are available in two different ratings; STC 34 and STC 40, both of which are well above the normal stud-wall sound ratings (approx. STC32). Soundguard-34 would be sufficient to reduce the noise level of a conversation to a muffled noise. Should more privacy be required or amplification used, Soundguard-40 is recommended.



Versatility

The manufacturing process allows for the wide selection of finishes including; various vinyl finishes, timber veneers and laminates.

Specification

Construction

The door will be constructed with a series of 145mm wide Medium Density Fibreboard (MDF) panels with selected outer finish. Panels are joined by continuous flexible hinges of required thickness for sound ratings. Soundguard-40: doors include Continuous Acoustic material to achieve the required STC rating.

Operation and Suspension

The doors are top supported, manually operated and hung from an extruded aluminum track without floor tracks or guides.

Carriers

The door is fitted with Acetal coated ballbearing wheels at every post (every 300mm).Four (4) wheels on leading stiles and two (2) on intermediate carriers.

Module Spacing

The centre posts are spaced by two full length spacers at the top and bottom of the door to ensure even spacing of modules when in closed position.

Acoustics Performance

The door to have a minimum Sound Transmission Class of STC 34/STC 40 to AS1276. A test report, to AS1194 section 3 clause 2.7, from an independent testing authority showing that a test specimen of the divider has attained the specified rating.

TECHNICAL DATA		
	SOUNDGUARD 34	SOUNDGUARD 40
PANEL THICKNESS	9mm	12mm
PANEL WIDTH	145 mm	
STRUCTURE	MDF	
FINISHES	Timber Veneer, Vinyl or Laminates	
HINGES	Continuous UV-Stabilised PVC	
WHEELS	Nylon coated Ball Bearing	
TRACK	Extruded Aluminium Track fix top supported	
TRACK SIZE	210mm x 38mm	
SEALS	3 Ply Vinyl	2 Ply Vinyl & Rubber
HARDWARE	Aluminium Handles*, Latch*	
LOCK	Whitco 860317 (Optional)	
STC RATING	34	40
STACK DEPTH	12% of opening + 160 mm	15% of opening + 160mm
WEIGHT	26 kg/m ²	25 kg/m ²
MAX. HEIGHT	3000mm	
MAX. OPENING	No restriction	
USE	Commercial	

NOTE: Figures are for guidance only
*(Standard)

APPLICATION	
SCHOOLS	• learning areas
	• Libraries
	• Performing arts
CLUBS	• Separation of gaming area
	• Dining areas
	• Bars and Bistros
COMMUNITY HALLS	• Dance and Martial Arts Classes
	• Functions
	• Child minding
CHURCHES	• Bible Studies
	• Sunday School
	• Youth Activities
OFFICES	• Conference Rooms
	• Board Rooms
	• Adjoining Offices



Practicality

Only one person is required to operate the doors. Large or very high doors are especially easy to operate due to the rigid construction of the door. The extra weight load on the ball-bearings trolleys provides a smooth operation. Soundguard Accordion doors are suspended from an aluminum overhead track and no floor tracks are required.

Creating Space and Controlling Noise

Soundguard - The Acoustic Accordion Doors are the ultimate in space division, where high noise control, ease of operation, durability and style is expected.

all Australian Designed and manufactured, the Soundguard Acoustic Accordion Doors are highly regarded and accepted amongst Architects and Government bodies.

School Acoustic Solution

Unifold Soundguard Accordion Doors have been a long time favourite of schools and offices around the world. The effortless ease to slide open and close allows Teachers to move to and from each room without disturbing students whilst in class. The SG Acoustic Accordion Doors are perfect of various types of rooms including;

- Reading
- Homework
- Nursing Bay
- Staff

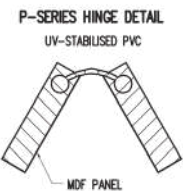
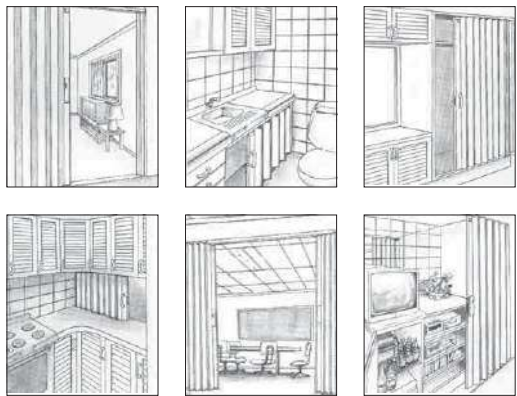
This is just another quality Unifold product that will reduce sound and create space in your school.



P-Series



Unifold P-Series door utilizes durable, UV-stabilised PVC hinge. The hinges are housed within a matching ball profile cut for the full length of a panel. This hinge has been designed to withstand continuous use in any climate type. The durability of thePVC hinge is ensured with a minimum wall thickness of 1mm.



- Standard Size Doors
- Room Dividers
- Bathroom
- Wardrobes
- Laundry
- Kitchen
- Conference Rooms
- TV - Bar Cabinets

Specification

Construction

The door is manufactured with medium density fibreboard (MDF) panels, faced with laminated vinyl and timber veneer. Panels are edged with matching quality edging.

P100: 100mm wide, 10mm thick

P145: 145mm wide, 12mm thick

Hinges

The panels are hinged with a continuous UV-stabilised PVC-hinge. (Minimum thickness of profile is 1.0mm). The hinge is locked inside the panel by a continuous ball profile.

Operation & Suspension

The door is top supported and hung from an extruded aluminium track (clear or powder coated) without floor tracks or guides. The lead stile(s) are fitted with the manufacturer's standard magnetic catch and colour matching handles.

Carriers

The door is fitted with nylon tyred precision bearing wheels: four (4) wheel trolley on lead stile, two (2) wheel trolley on alternative panels.



TECHNICAL DATA		
	P-100*	P-145
PANEL THICKNESS	10mm	12mm
PANEL WIDTH	100mm	145mm
STRUCTURE	MDF	
FINISHES	Vinyl*, Timber Veneer	
HINGES	Continuous UV-Stabilised PVC	
WHEELS	Nylon tyred precision bearings*	
TRACK	Aluminium*	
TRACK SIZE	30mm x 35mm	
HARDWARE	PVC Handles* with Latch or 4 x magnets*	
LOCK	Whitco 860317 (Optional)	
STC RATING	-	
STACK DEPTH	10% of opening + 65 mm	10% of opening + 110mm
WEIGHT	9 kg/m ²	12 kg/m ²
MAX. HEIGHT	2.7m	3m
MAX. OPENING	6 metres or Contact your local representative	
USE	Domestic/Commercial	

NOTE: Figures are for guidance only
*(Standard)

Warranty & Maintenance

Your Soundguard and P-Series is guaranteed for one (1) year against manufacturer's defects.

However, in order to assure a lifetime of reliable and easy operation, we recommend Soundguard and P-Series be serviced regularly. More important than the wellbeing of the product, regular service will help to prevent safety issues caused from neglect and general wear and tear. Over time, head tracks can collect dust, making doors and wall panels more difficult to move. Often times this occurs subtly and over a period of time, making it hard to notice when your door or wall is not operating at an optimum level of performance. We suggest a regular servicing yearly. This is the best way to protect your investment and assure many years of use.

Export

Throughout its history Unifold has always been involved in international supply and has built a network of contacts throughout years of service. Our key strengths in Export lay in the diversity to supply a wide range of projects by specialising our service to cater to their unique needs.

We have a vast customer network that covers Australasia, South East Asia, and the South Pacific. Unifold has been involved in Export for in excess of 20 years and is now established as a known brand in its trading markets. This provides Unifold with unique knowledge that takes a lifetime to accumulate and contact bases in foreign markets that are difficult to build.

Professional export packing staff provide a safe, robust and cost effective solution to ensure your order arrives at the destination in the same condition it left our premises; regardless of size, weight and delicate nature of the product.

Talk to us today about Distributors in your area.



REQUEST A QUOTE - available online now

