

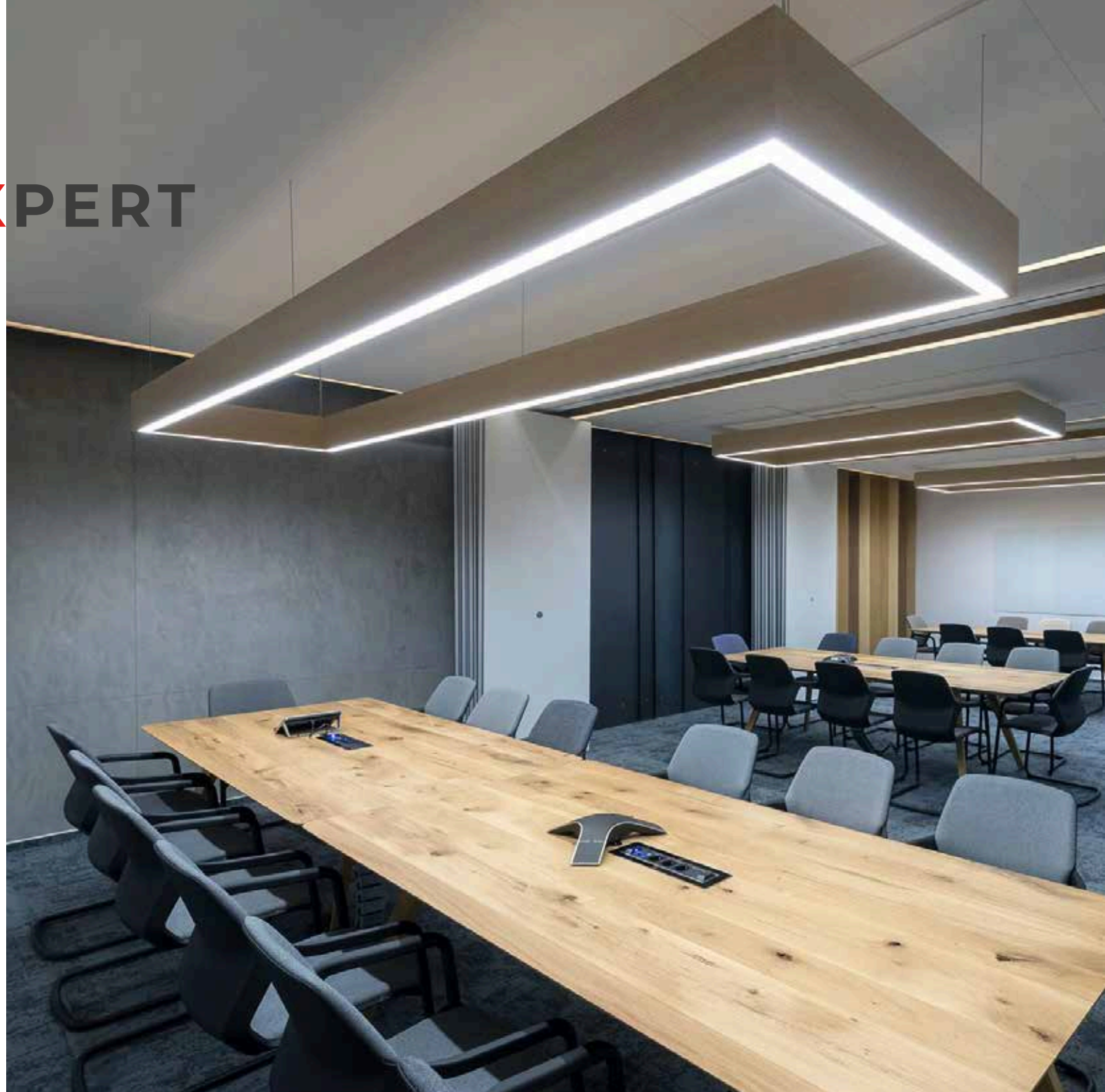


TABIE XPERT
TABIQUES MÓVILES ACÚSTICOS

2024

"The highest reward for a person's toil is not what they get for it, but what they become by it."
John Ruskin.

TABIE**X**PERT





ABOUT US

Our products and services deliver the highest quality.

TABIEXPERT has a philosophy: **QUALITY**. We are committed to the continuous innovation and technological evolution of our products.

Our team of professionals are experts in the design, manufacturing, and installation of movable acoustic walls. We also have an integrated quality and environmental management system based on international standards ISO 9001:2015 and ISO 14001:2015. The insulation of our movable walls is certified according to the UNE-EN ISO 717-1:2013 standard by an ENAC/ILAC MRA-accredited laboratory.

We have the capacity to develop any project at a national and international level. Thanks to our wide range of movable acoustic walls, our customers are able to design their space in a unique way, creating functional and dynamic environments with the highest level of design and aesthetics. All this makes TABIEXPERT a leader in the movable wall industry.



Design and Development

The experience of our team of professionals means that each project is intelligently designed, adapting different solutions to our customers' needs depending on how they intend to use their space.

4

Manufacturing and Innovation

Every stage of the production process takes place in our facilities. This is one of the many reasons why we are able to provide an immediate response, that is adapted to each situation.

We continue to develop new models as new technologies and materials become available.





Acoustics and Warranty

We have laboratory-issued approved acoustic certificates. Our in-house staff performs the installations to ensure outstanding quality.

Quality and Sustainability

Our commitment to quality and the environment is evidenced by our certification to the ISO 9001 and ISO 14001 international standards. As a result, a growing number of customers are choosing our products and are opting for us to be involved in projects with sustainable construction certifications such as LEED, BREEAM, GREEN, etc.



**ISO 9001
 ISO 14001**

**INTEGRATED
 MANAGEMENT**



**UKAS
 MANAGEMENT
 SYSTEMS**

015

TABIE**X**PERT





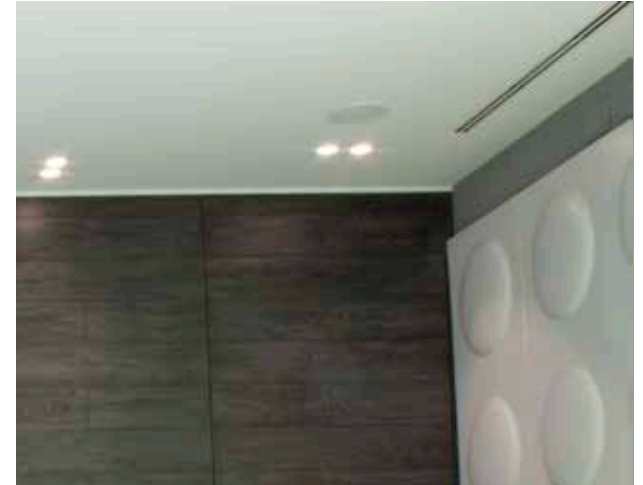
MOVABLE WALL

**We are manufacturers
with more than 15 years of
experience.**

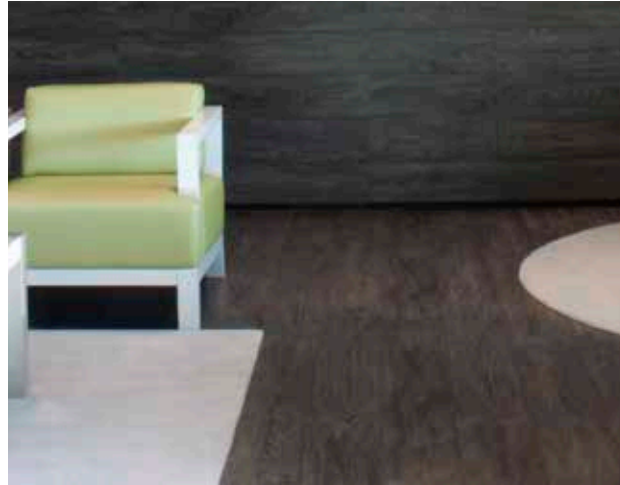
Our range of movable walls is the most extensive on the market, and it features everything from simple dividers to models with >54dB acoustic insulation levels. We offer a wide range of finishes and aesthetics, and the edge profiles can be concealed to give the impression of a solid wall, or exposed to create patterns and contrasts that enhance the overall aesthetics.

We manufacture our movable walls with the finest materials in terms of technical performance (insulation, fire resistance, etc.), aesthetics (powder-coated, veneered, etc.), and functionality (writable surface, magnetic, etc.), and some models can even be fitted with sound-absorbing textile sheets. We also have laminated and tempered glass designs (single-glazed or double-glazed with air chamber). Our movable wall designs can be equipped with a range of motion systems, pass doors, wall junctions, and a host of unique solutions and special finishes.

As manufacturers, we are able to adapt our models to create exclusive designs that align with our customers' needs.



TX CONCEALED FRAMING





Design, technology and acoustics are vital features in any architectural project.

TABIEXPERT systems are distinguished by their concealed framing, a design feature that hides the edge profiles when the movable wall is closed to give the impression of a solid wall.

With countless options available in terms of materials and finishes, TABIEXPERT's concealed framing systems ensure that the movable walls can easily blend in with the architectural style of each project.

TABIEXPERT TX70

Concealed Framing / $R_w=39\text{dB}$.

TECHNICAL SPECIFICATIONS

Thickness: 70 mm.

Soundproofing: 39 dB.

Internal insulation: 40 mm and 28 kg/m³ mineral wool.

Weight: 20.5 kg/m².

Framing: concealed.

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 5000 mm.

Special sizes available: yes.

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Telescopic operation: manual (90° turn of removable handle). Standard panels are side-operated and the telescopic panels

and panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes.

Panel thickness: 10 mm.

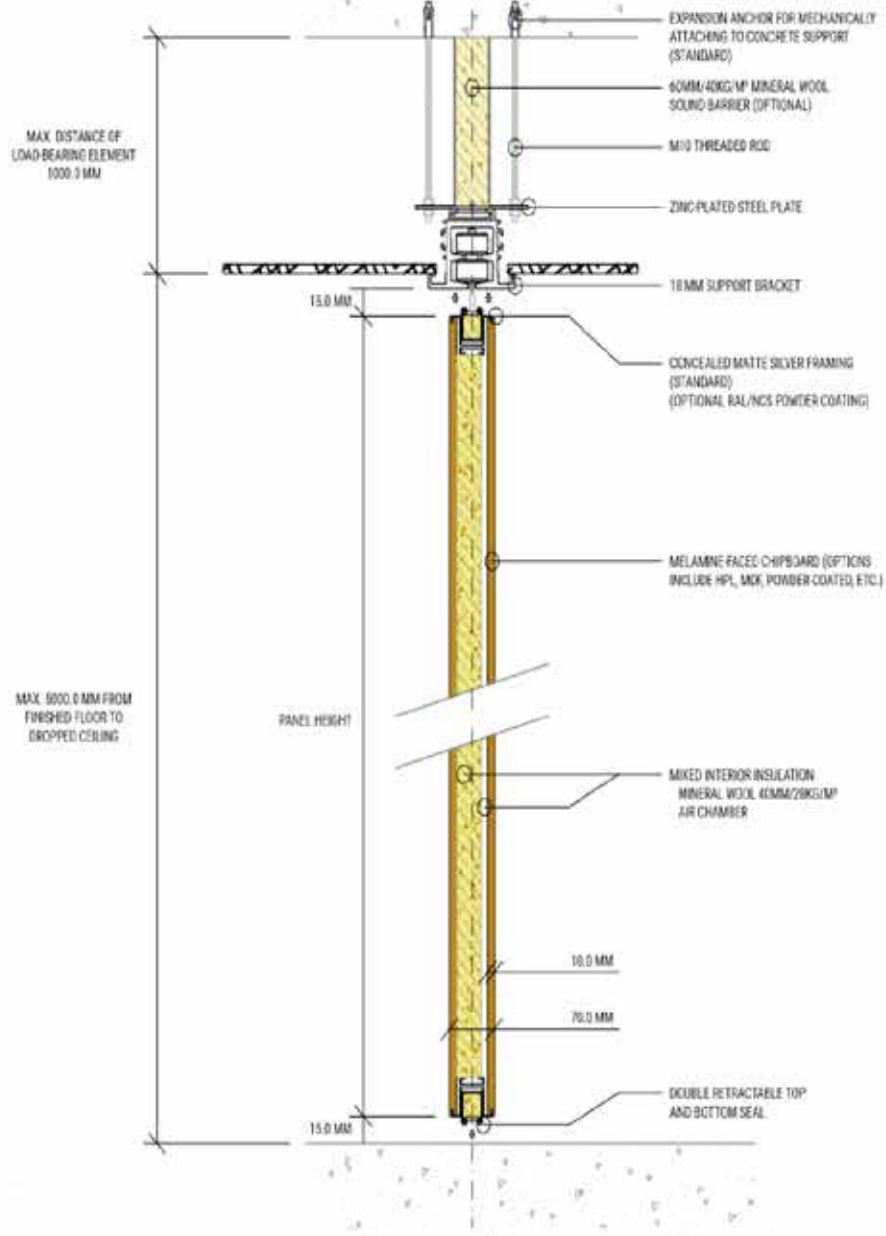
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

Finishes: melamine-faced chipboard (standard), options include HPL, veneered, textile, powder-coated, fireproof, waterproof, OSB, DM, etc.

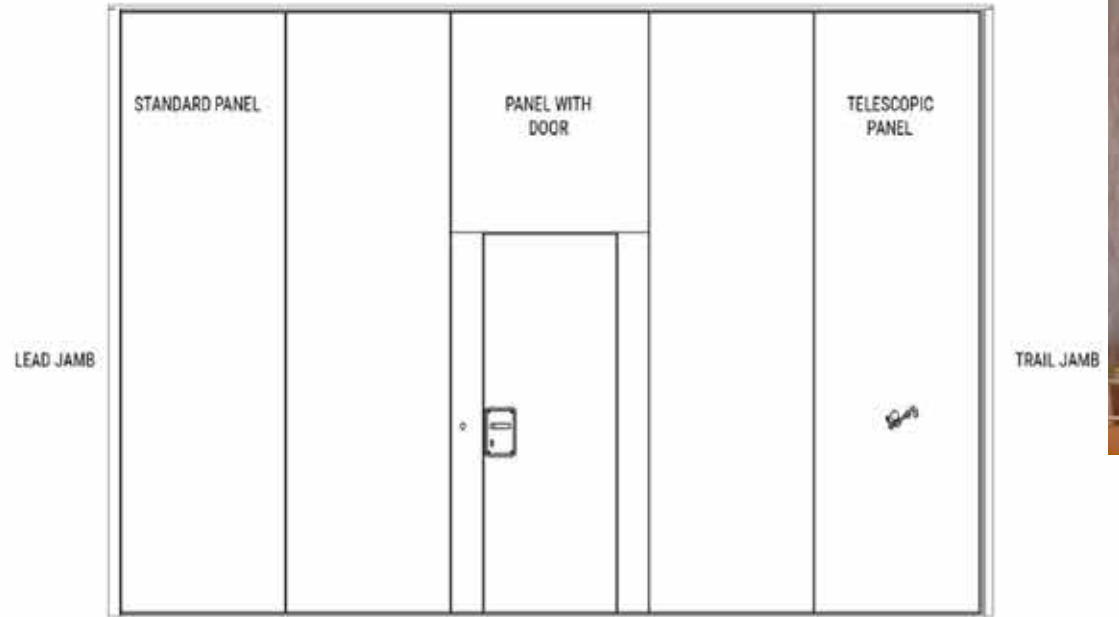




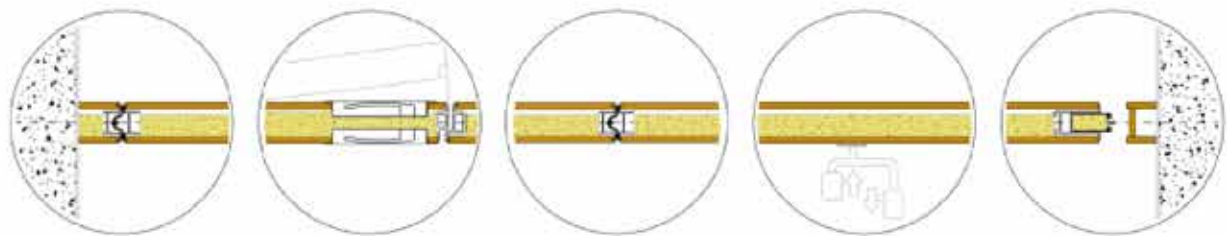
VERTICAL SECTION

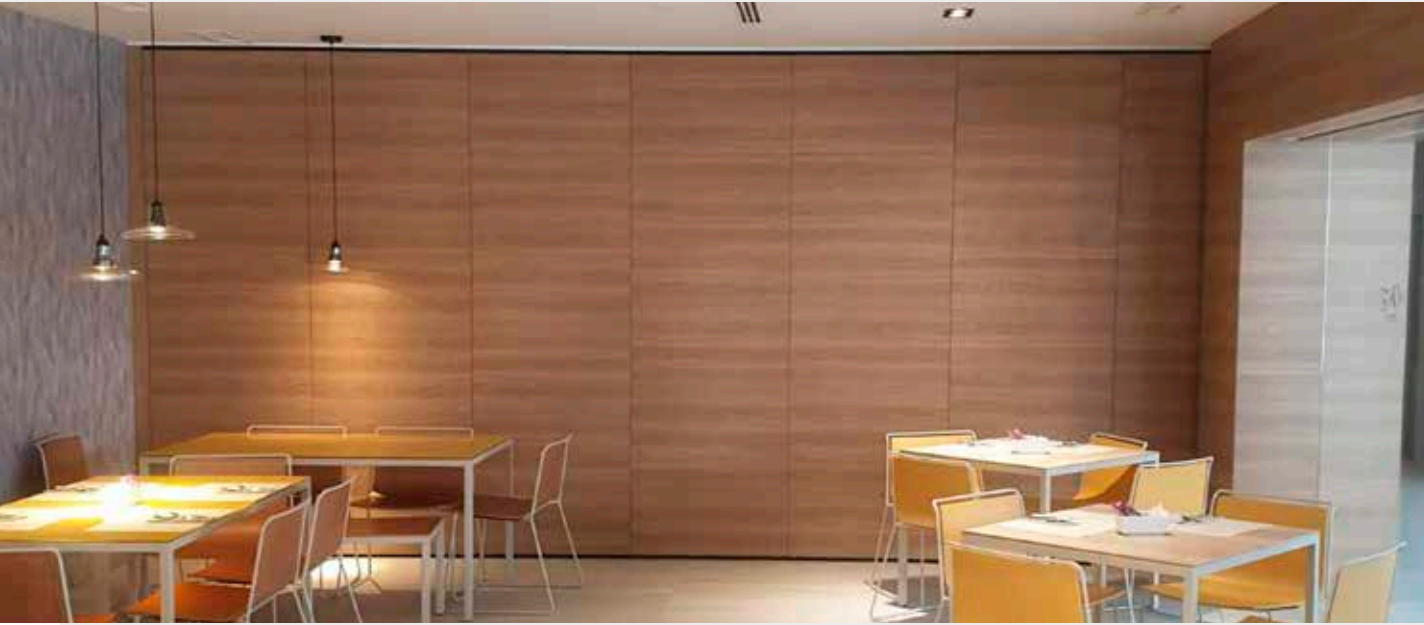


GENERIC ELEVATION



HORIZONTAL SECTION

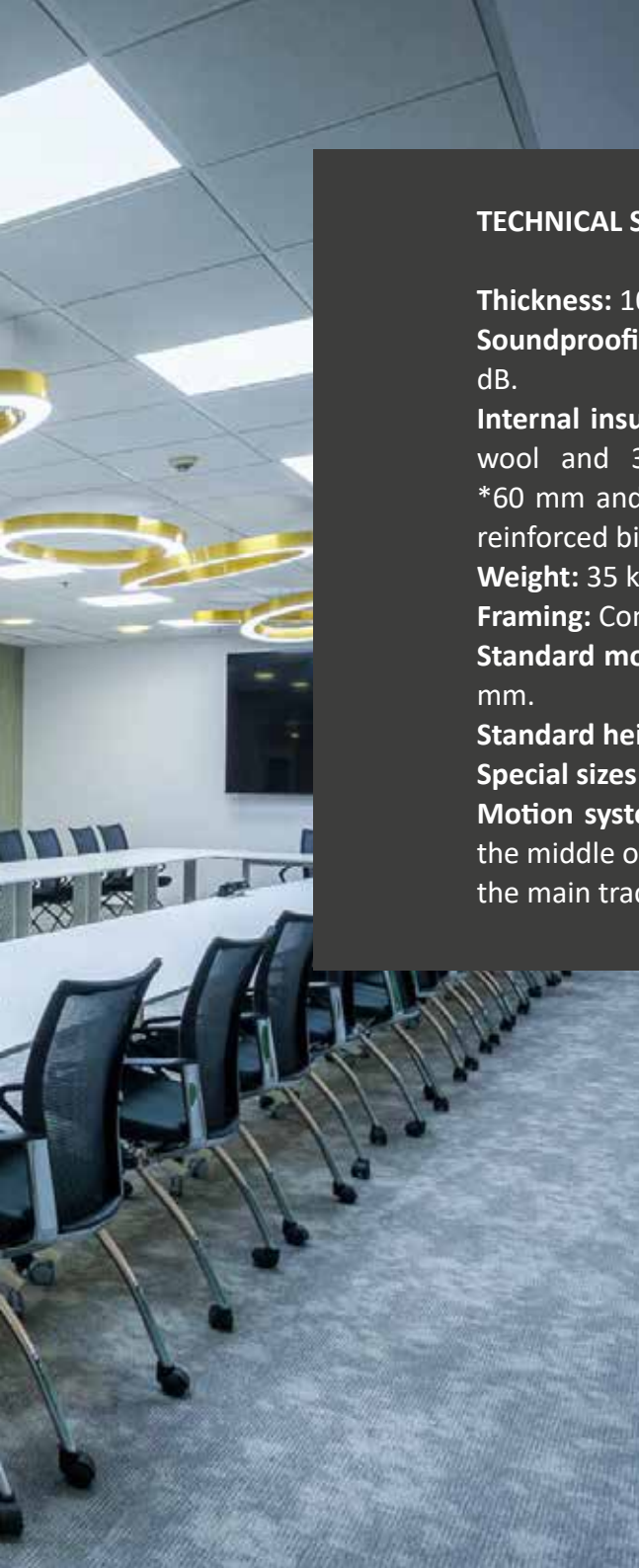




TABIEXPERT TX107

Concealed Framing / $R_w=45\text{dB}$. *49dB.





TECHNICAL SPECIFICATIONS

Thickness: 107 mm.

Soundproofing: 45 dB. *Acoustic enhancement: 49 dB.

Internal insulation: 60 mm and 40 kg/m³ mineral wool and 3 kg/m² reinforced bitumen sheet. *60 mm and 40 kg/m³ mineral wool and 6 kg/m² reinforced bitumen sheet.

Weight: 35 kg/m². * 39 kg/m².

Framing: Concealed.

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 6000 mm.

Special sizes available: yes.

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Telescopic operation: manual (90° turn of removable handle) / semi-automatic (optional). Standard panels are side-operated and telescopic panels and panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes.

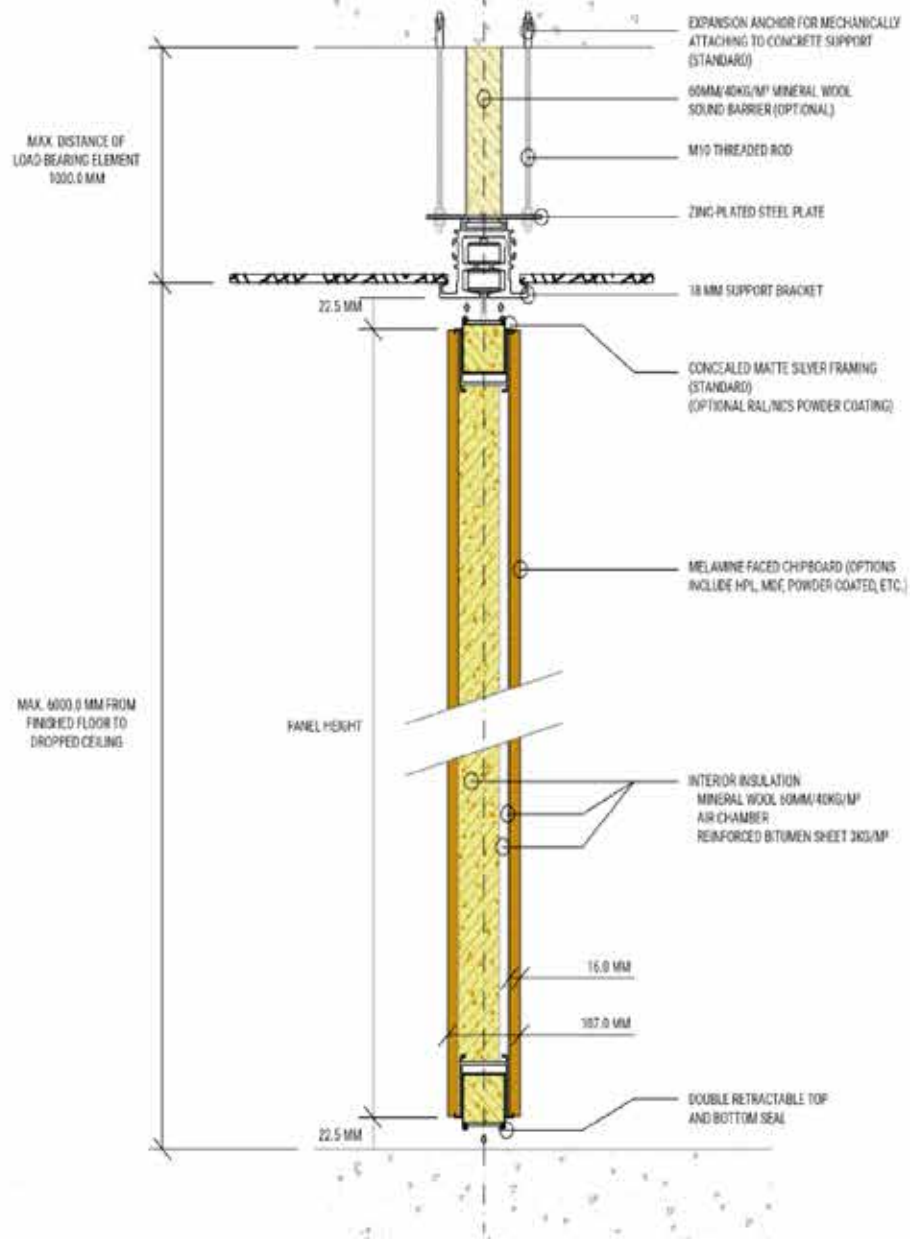
Panel thickness: 16 mm.

Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

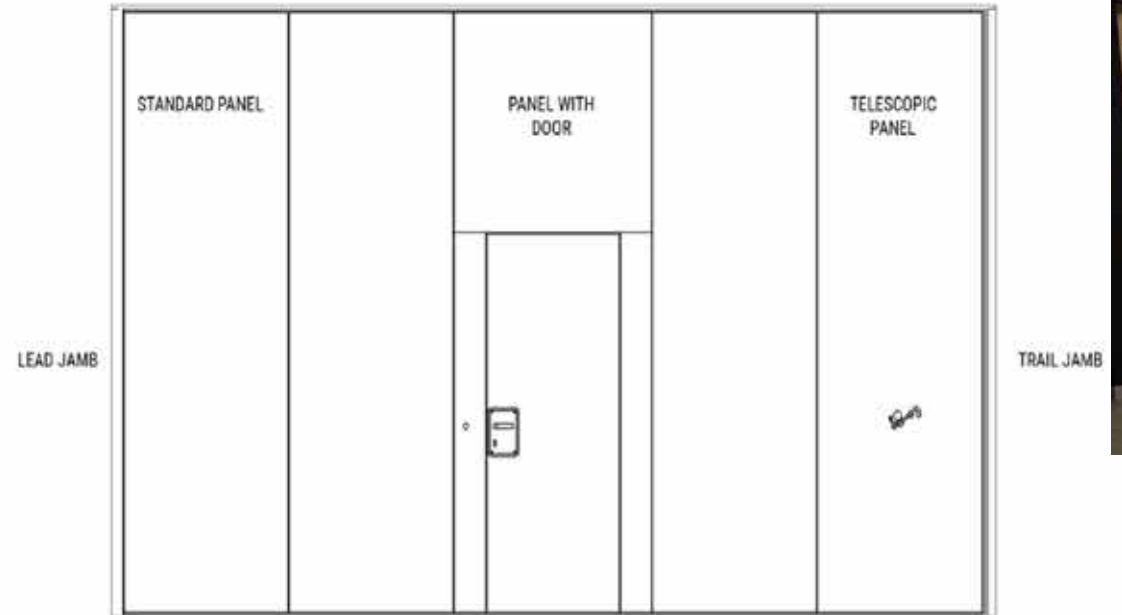
Finishes: melamine-faced chipboard (standard), options include HPL, veneered, textile, powder-coated, fireproof, waterproof, OSB, DM, etc.

The TX107 is our most versatile movable wall. It can reach considerable heights and provides a level of acoustic comfort that is suitable for professional settings, such as training rooms, offices, hotels, etc. The characteristics offered by this movable wall model mean that countless options and finishes are available.

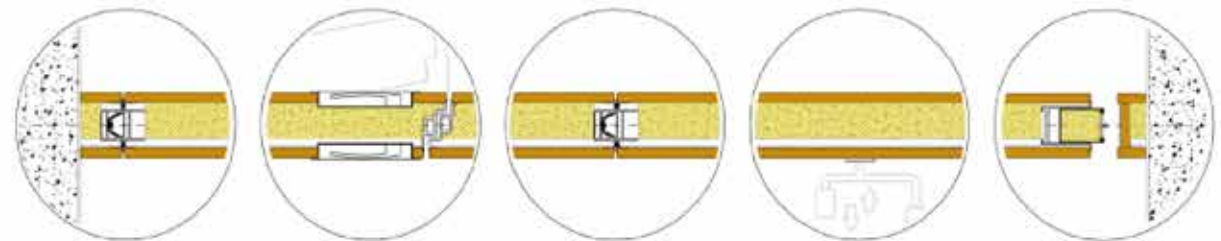
VERTICAL SECTION



GENERIC ELEVATION



HORIZONTAL SECTION









TABIEXPERT TX110

Concealed Framing / $R_w=53\text{dB}$. *55 dB.

TECHNICAL SPECIFICATIONS

Thickness: 110 mm.

Soundproofing: 53 dB. *Acoustic enhancement: 55 dB.

Internal insulation: 60 mm and 40 kg/m³ mineral wool and double 3-6 kg/m² reinforced bituminous sheet. *60 mm and 40 kg/m³ mineral wool and double 6 kg/m² reinforced bituminous sheet (acoustic enhancement).

Weight: 41 kg/m². *46 kg/m² (acoustic enhancement).

Framing: concealed.

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 12000 mm.

Special sizes available: yes.

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off

the main track).

Telescopic operation: manual (90° turn of removable handle) / semi-automatic (optional). Standard panels are side-operated and telescopic panels and panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

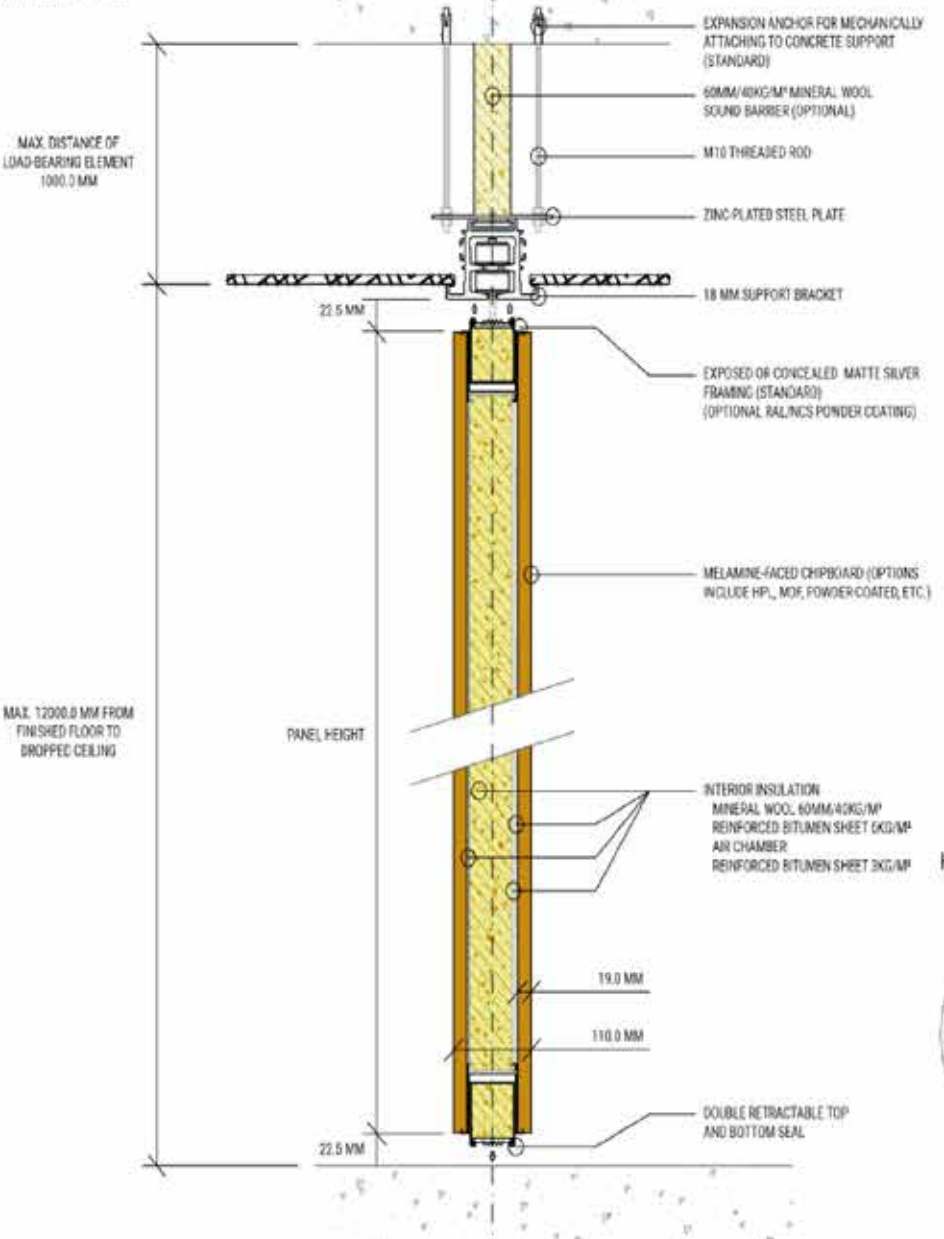
Fixed lead and trail jambs: yes.

Panel thickness: 19 mm.

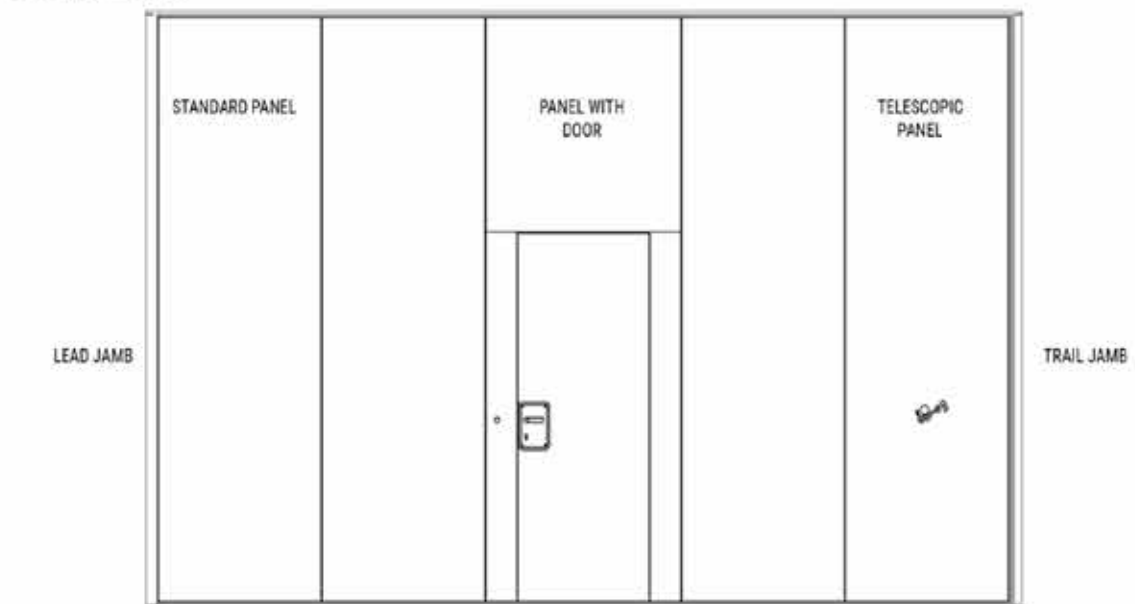
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

Finishes: melamine-faced chipboard (standard), options include HPL, veneered, textile, powder-coated, fireproof, waterproof, OSB, DM, etc.

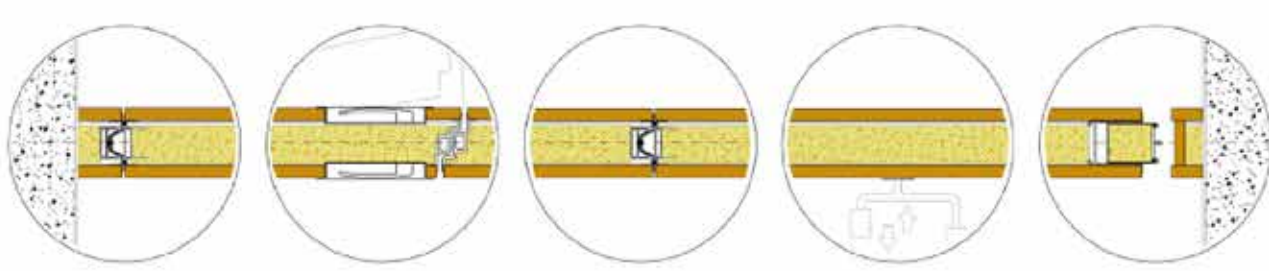
VERTICAL SECTION



GENERIC ELEVATION



HORIZONTAL SECTION





TABIEXPERT TX130

Concealed Framing / Rw=58dB.

TECHNICAL SPECIFICATIONS

Thickness: 130 mm.

Soundproofing: 58 dB.

Internal insulation: 40 mm and 70 kg/m³ mineral wool, 9 kg/m² reinforced bituminous sheet and 28 mm DANOFON.

Weight: 52 kg/m².

Framing: concealed.

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 12000 mm.

Special sizes available: yes.

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Telescopic operation: manual (90° turn of removable handle) / semi-automatic (optional). Standard panels are side-

operated and telescopic panels and panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes.

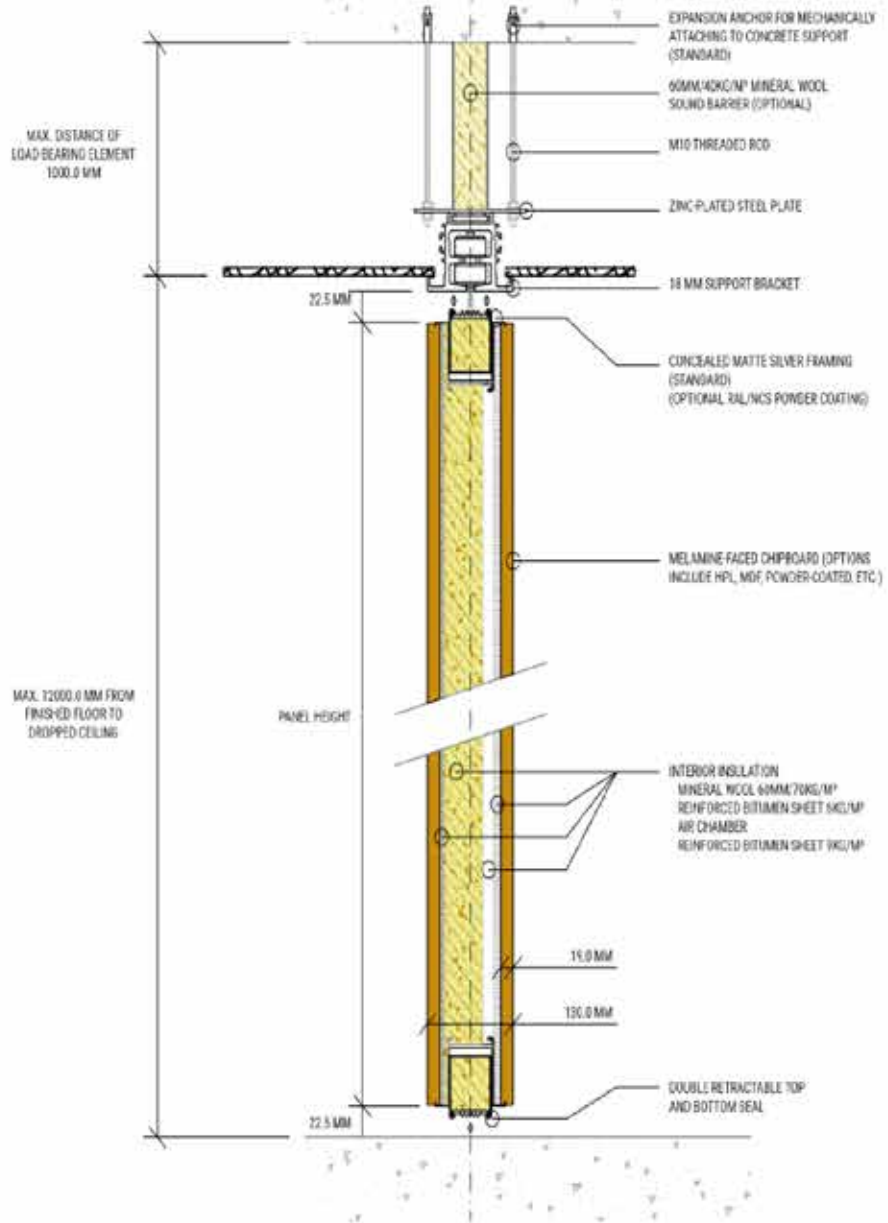
Panel thickness: 19 mm.

Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

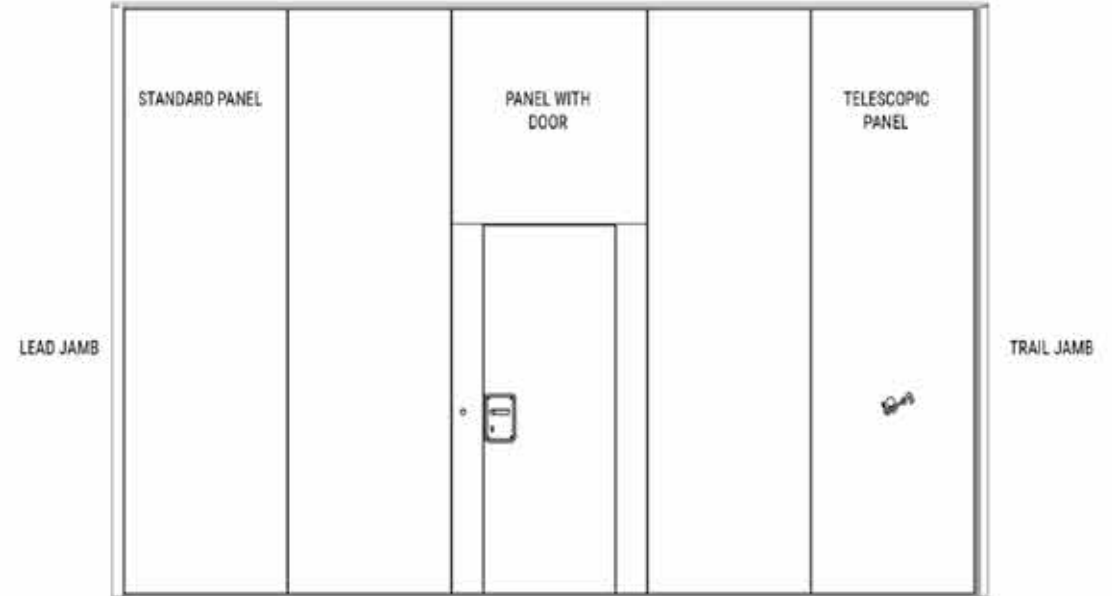
Finishes: melamine-faced chipboard (standard), options include HPL, veneered, textile, powder-coated, fireproof, waterproof, OSB, DM, etc.



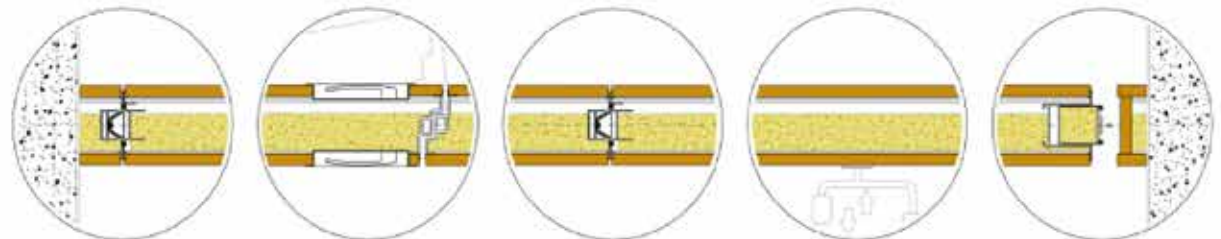
VERTICAL SECTION



GENERIC ELEVATION



HORIZONTAL SECTION







TX EXPOSED FRAMING



Creatively compartmentalize your space with style and functionality.

The main feature of the TABIEXPERT systems with exposed framing is that the frame edges are exposed when the movable wall is closed, creating patterns and contrasts that enhance the aesthetic value of the entire system. We can adapt the exposed framing to the whole system to create products with unique finishes.

TABIEXPERT TX60

Exposed Framing / $R_w=39\text{dB}$.

TECHNICAL SPECIFICATIONS

Thickness: 60 mm.

Soundproofing: 39 dB.

Insulation: 40 mm and 28 kg/m^3 mineral wool.

Weight: 20.5 kg/m^2 .

Framing: concealed.

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 5000 mm.

Special sizes available: yes

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Operation: manual (90° turn of removable handle). Standard panels are side-operated and telescopic panels and

panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

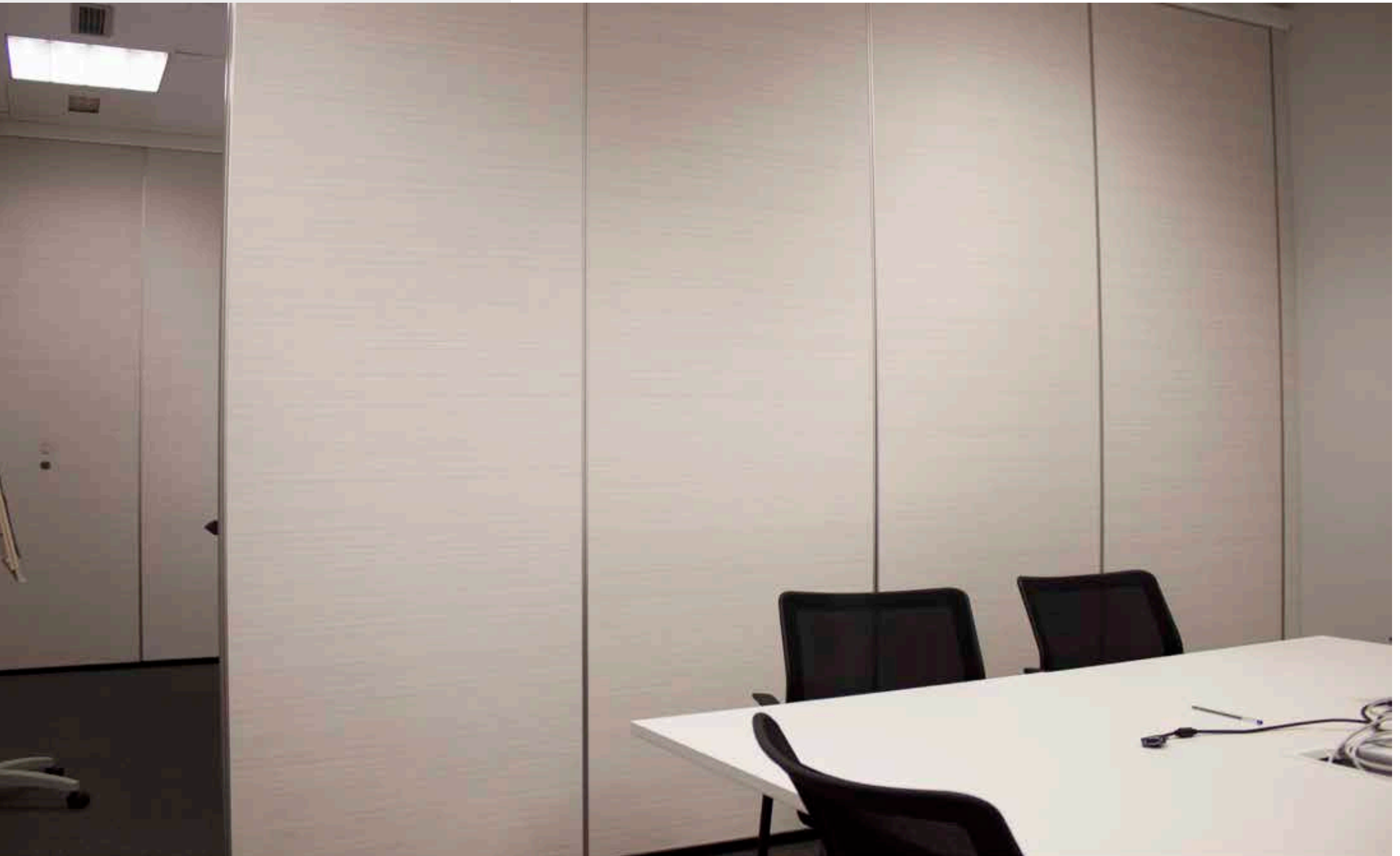
Fixed lead and trail jambs: yes

Panel thickness: 10 mm.

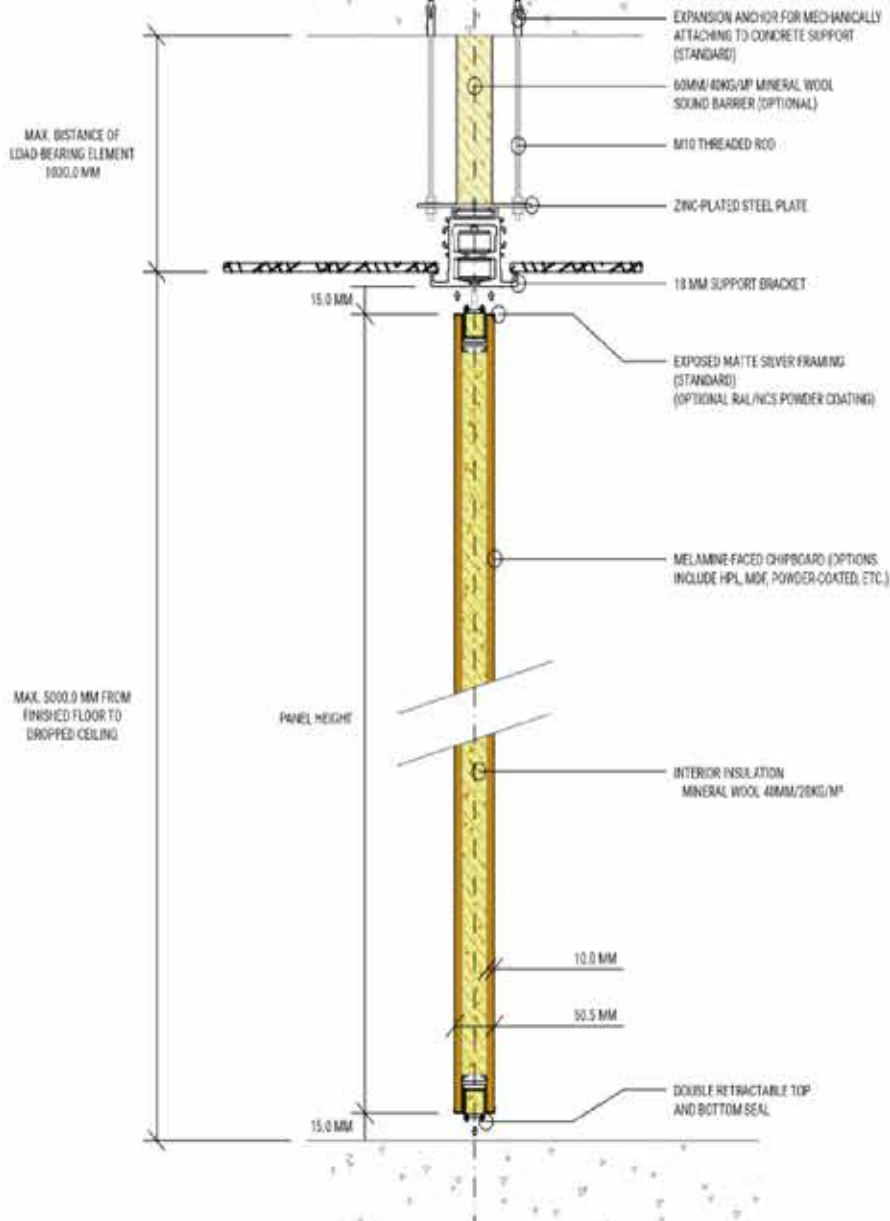
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

Finishes: melamine-faced chipboard (standard), options include HPL, veneered, textile, powder-coated, fireproof, waterproof, OSB, DM, etc.

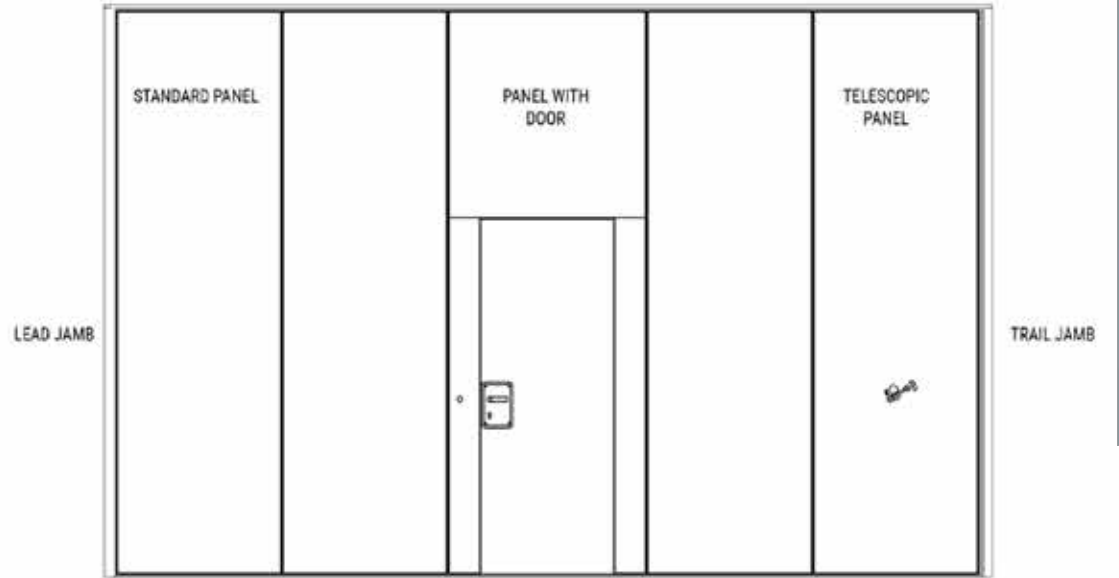




VERTICAL SECTION



GENERIC ELEVATION



HORIZONTAL SECTION





TABIEXPERT TX87
Exposed Framing / Rw=44dB.



TECHNICAL SPECIFICATIONS

Thickness: 87 mm

Soundproofing: 44 dB

Insulation: 60 mm and 40 kg/m³ mineral wool.

Weight: 25 kg/m².

Framing: exposed

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 6000 mm.

Special sizes available: yes

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Operation: manual (90° turn of removable handle) / semi-automatic (optional). Standard panels are

side-operated and telescopic panels and panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes

Panel thickness: 10 mm.

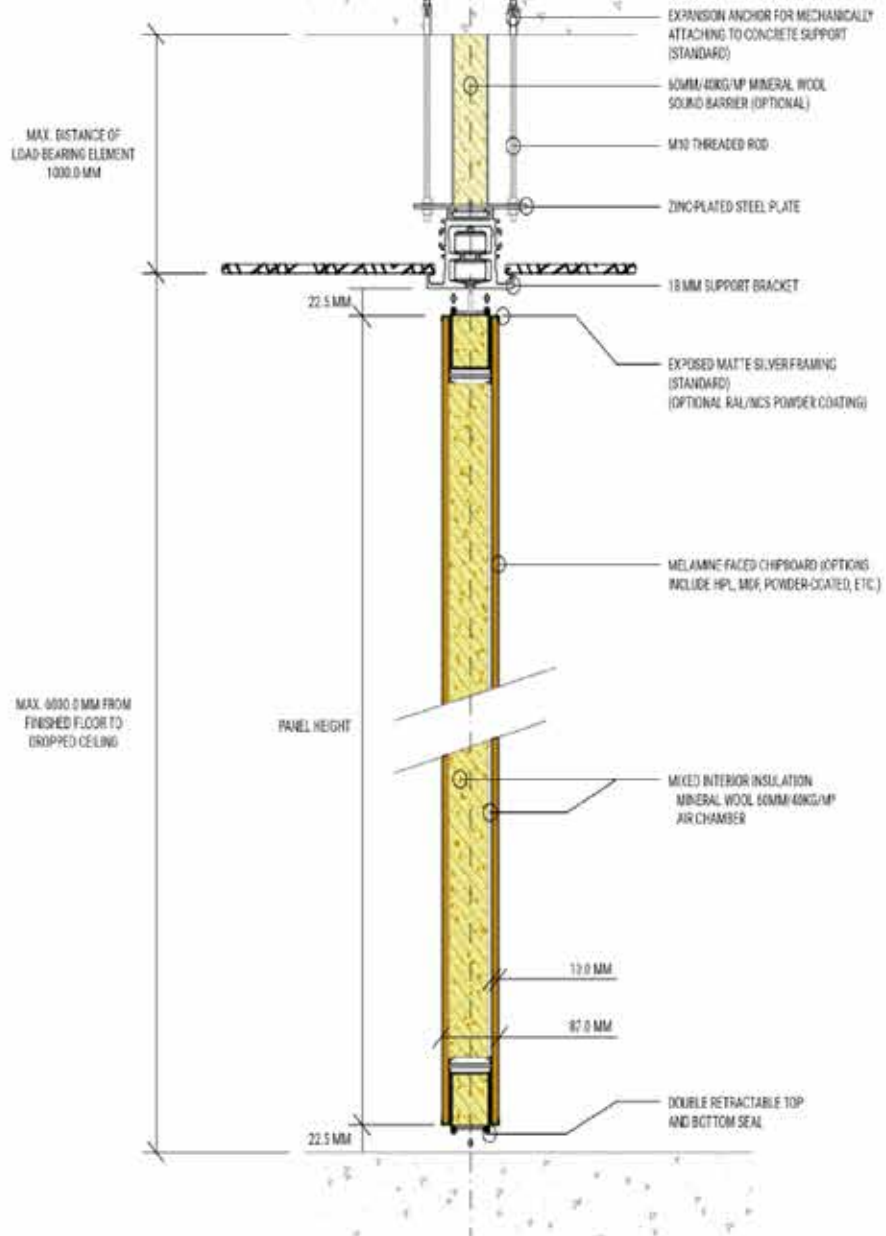
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

Finishes: melamine-faced chipboard (standard); options include HPL, veneered, textile, powder-coated, fireproof, waterproof, OSB, DM, etc.

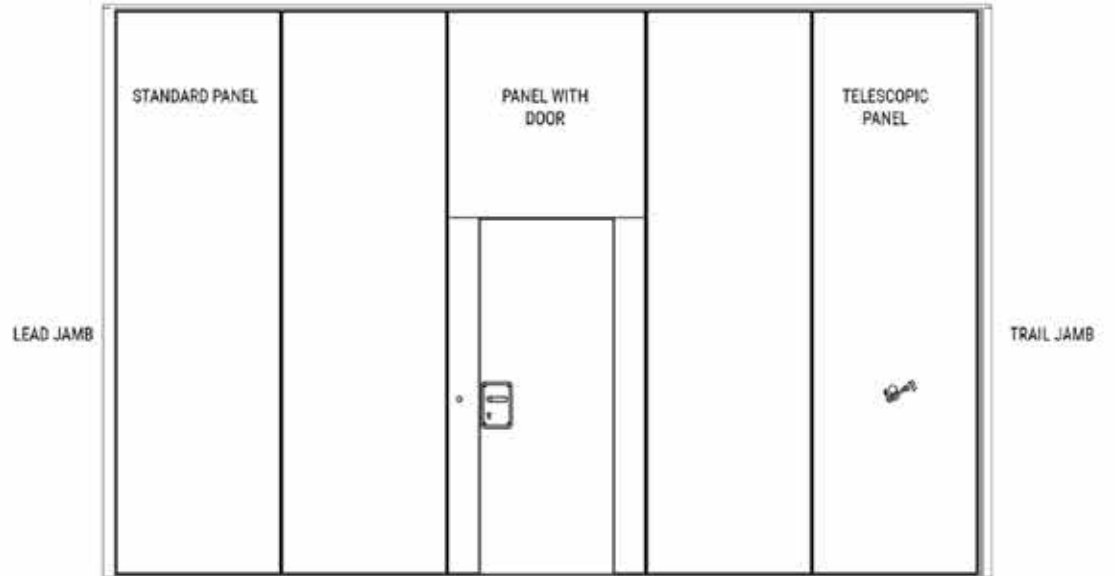
The TX87 model is the most popular of our exposed-frame models.

The TX-87 system provides 44dB airborne sound insulation, according to the UNE-EN ISO 717-1:2013 standard. It can reach considerable heights and is compatible with the TX87 Acousticglass model, meaning that it is possible to combine both models in the same line.

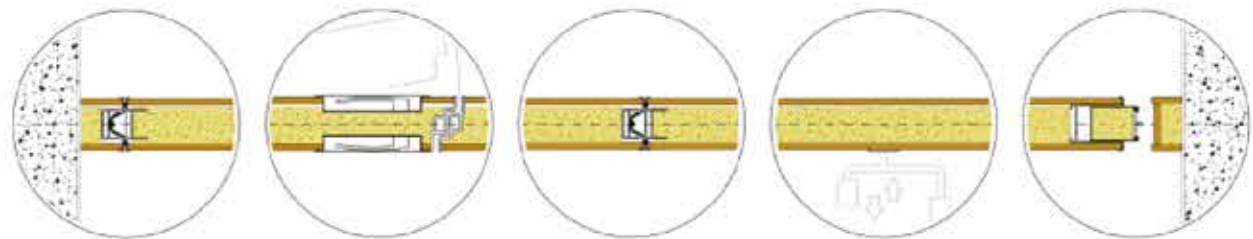
VERTICAL SECTION



GENERIC ELEVATION



HORIZONTAL SECTION





TABIEXPERT TX110

Exposed Framing / $R_w=53\text{dB}$. *55dB.

TECHNICAL SPECIFICATIONS

Thickness: 110 mm

Soundproofing: 53 db. *Acoustic enhancement: 55 dB.

Internal insulation: 60 mm and 40 kg/m³ mineral wool and double 3-6 kg/m² reinforced bitumen sheet. * 60 mm and 40 kg/m³ mineral wool and double 6 kg/m² reinforced bitumen sheet (acoustic enhancement).

Weight: 41 kg/m². *46 kg/m² (acoustic enhancement).

Framing: exposed.

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 12000 mm.

Special sizes available: yes

Motion system: unidirectional (centering from the middle of the main track) / multidirectional (off the main track).

Telescopic operation: manual (90° turn of removable handle) / semi-automatic (optional). Standard panels are side-operated and telescopic panels and panels with doors are front-operated.

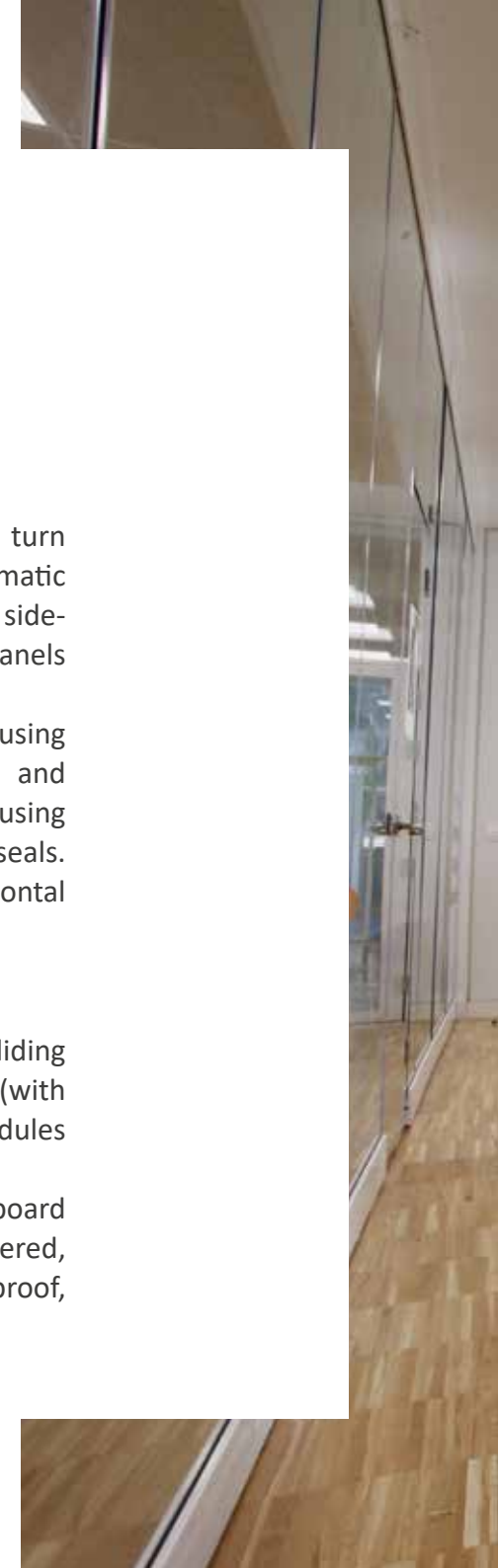
Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes

Panel thickness: 19 mm.

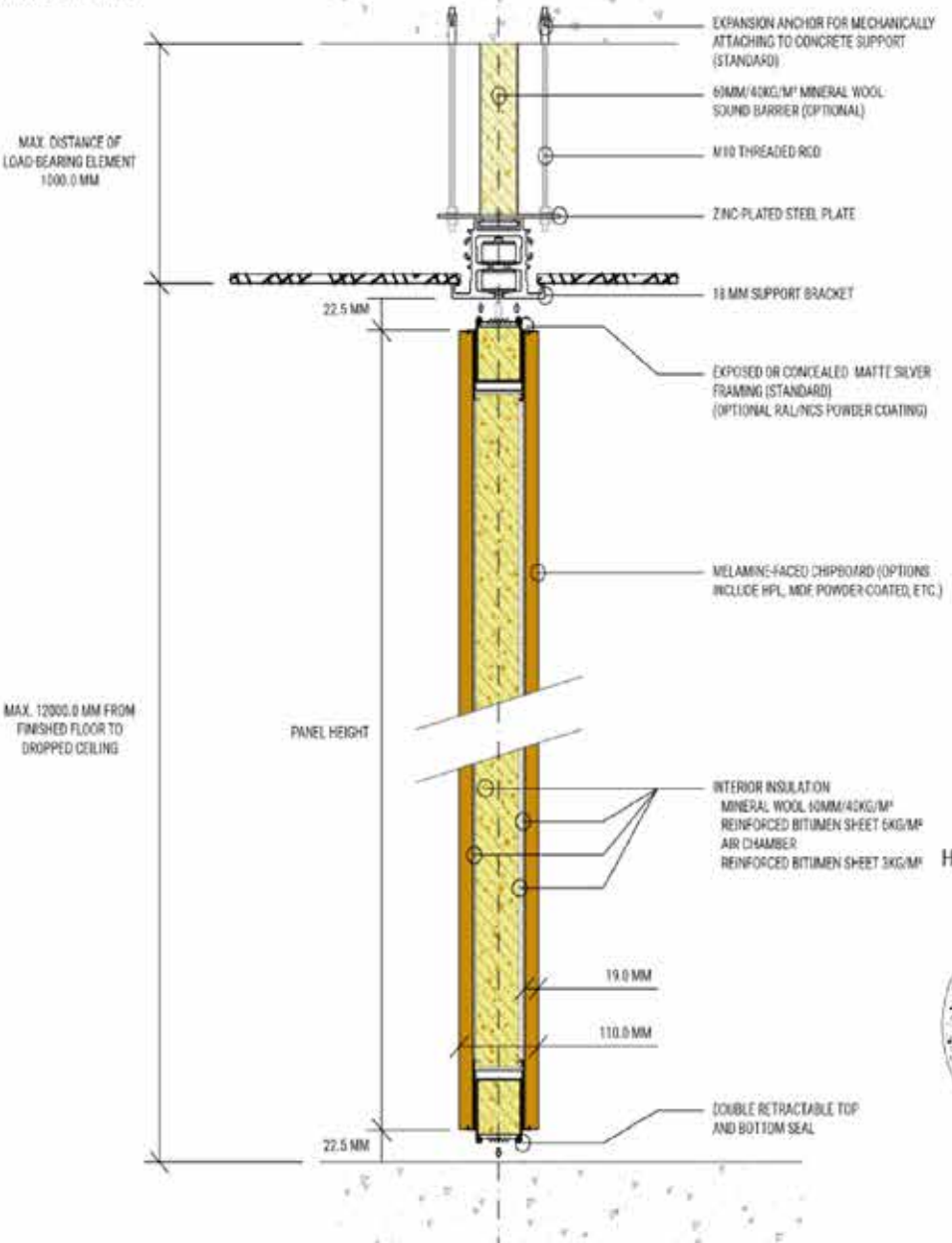
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

Finishes: melamine-faced chipboard (standard), options include HPL, veneered, textile, powder-coated, fireproof, waterproof, OSB, DM, etc.

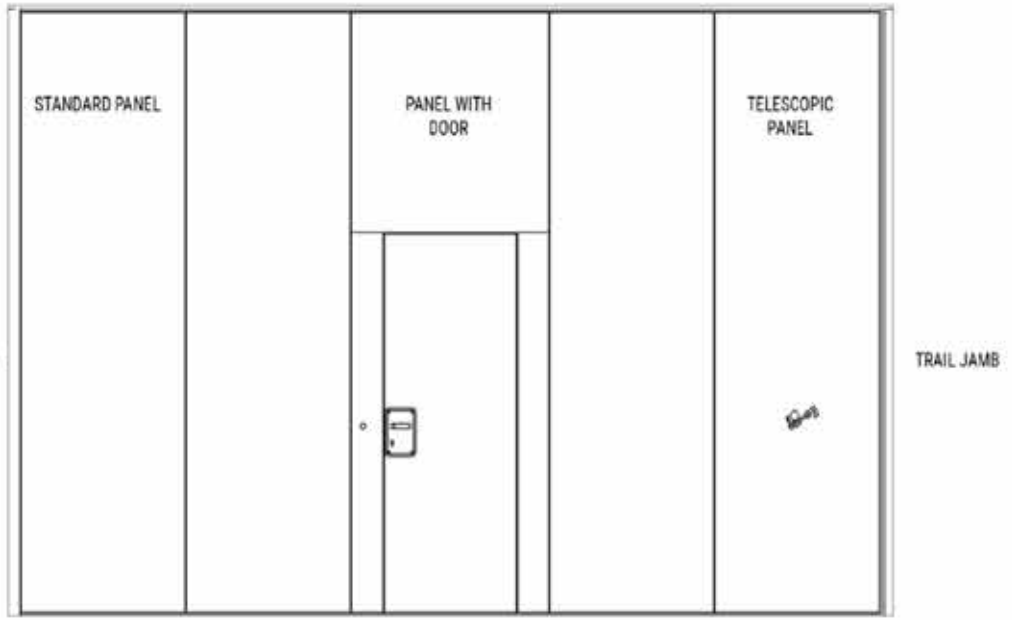




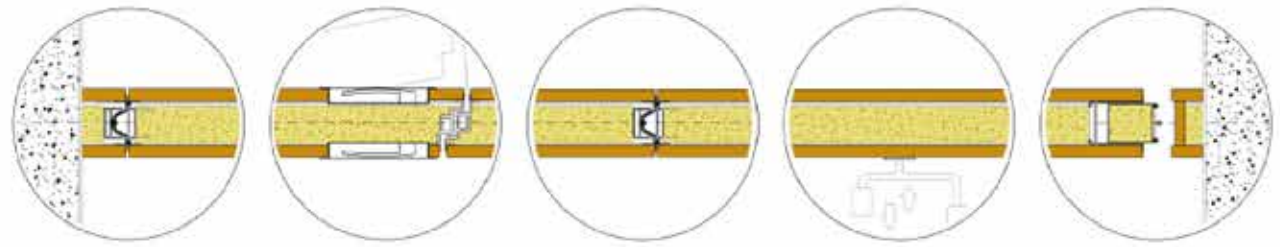
VERTICAL SECTION



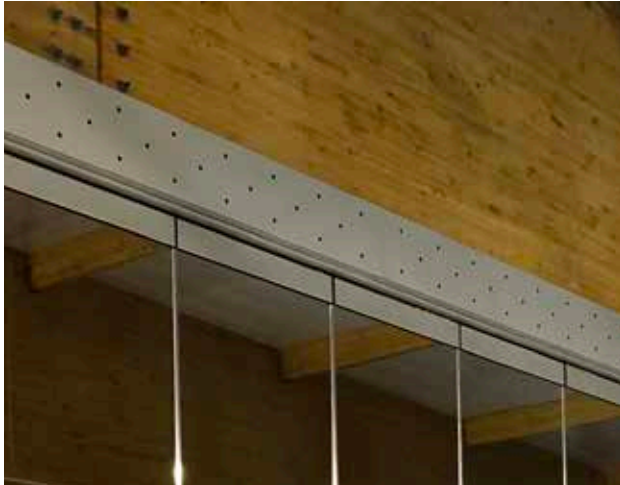
GENERIC ELEVATION



HORIZONTAL SECTION







TABIEXPERT GLASS

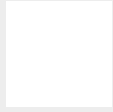




TABIEXPERT's glass models provide transparency and elegance as well as acoustics.

A movable glass wall is the perfect solution when you want to compartmentalize a space using a movable element to create transparency, spaciousness, light and elegance.

We have several single- or double-glazed movable wall models, depending on the system's acoustic insulation requirements. Our systems use laminated or tempered safety glass of varying thicknesses. We also have wind tests for the TX TABIGLASS system.



TABIEXPERT TX TABIGLASS

Exposed framing

TECHNICAL SPECIFICATIONS

Seal thickness: 40 mm.

Seal height: 120 mm.

Soundproofing: no.

Wind load testing: class 6 wind load resistance (exterior model).

Internal insulation: no.

Weight: 32 kg/m².* 42 kg/m² (exterior model).

Framing: exposed.

Maximum width: 1300 mm.

Maximum height: 3800 mm.

Special sizes available: yes

Motion system: multidirectional (off the main track).

Operation: floor pin. Side- or front-

operated at the lower edge (depending on configuration).

Horizontal adjustment: top and bottom brush.

Vertical adjustment: polycarbonate between glass.

Fixed lead and trail jambs: yes, aluminum frames for aligning with the walls and eliminating any possible sagging.

Glass thickness: 5+5 mm/6+6 mm/*8+8 mm (exterior model).

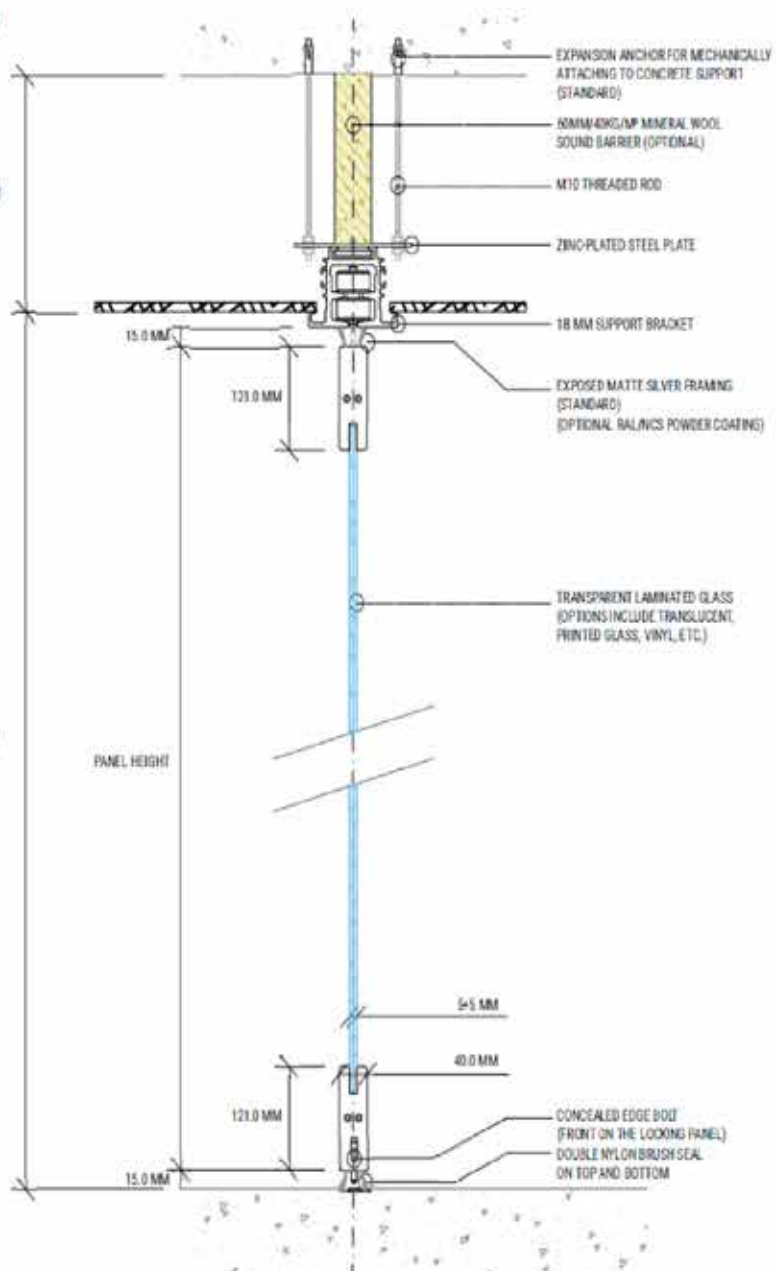
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar).

Finishes: laminated or tempered glass, transparent, opaque, colored, etc.

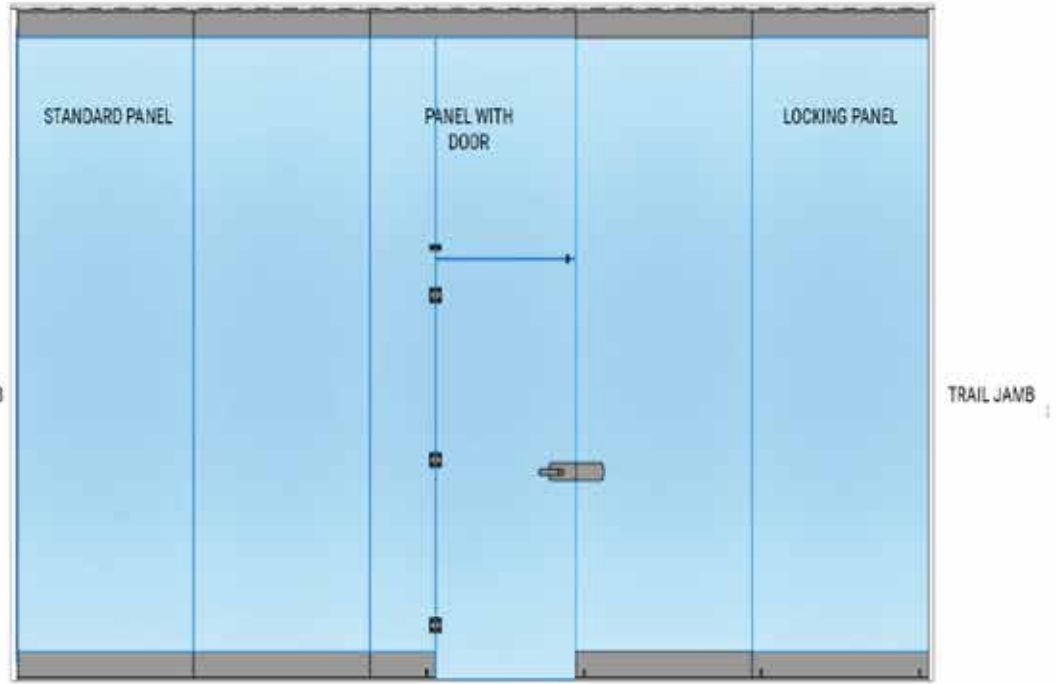




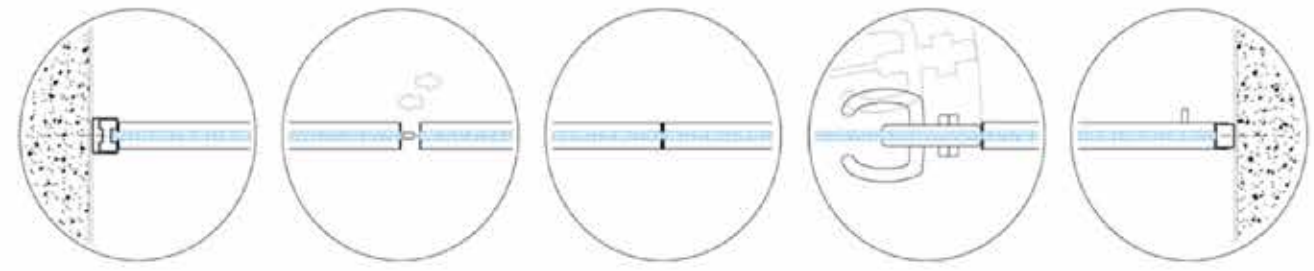
VERTICAL SECTION



GENERIC ELEVATION



HORIZONTAL SECTION





TABIEPERT TX60 GLASS
Exposed Framing / $R_w=37\text{dB}$.





TECHNICAL SPECIFICATIONS

Thickness: 60 mm.

Soundproofing: 37 dB (glass enhanced with acoustic butyral).

Insulation: single laminated glass 6+6 mm

Weight: 35 kg/m².

Framing: exposed

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 4000 mm.

Special sizes available: yes

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Operation: manual (90° turn of removable handle). Standard panels are side-operated and telescopic panels and panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes

Glass thickness: 12 mm.

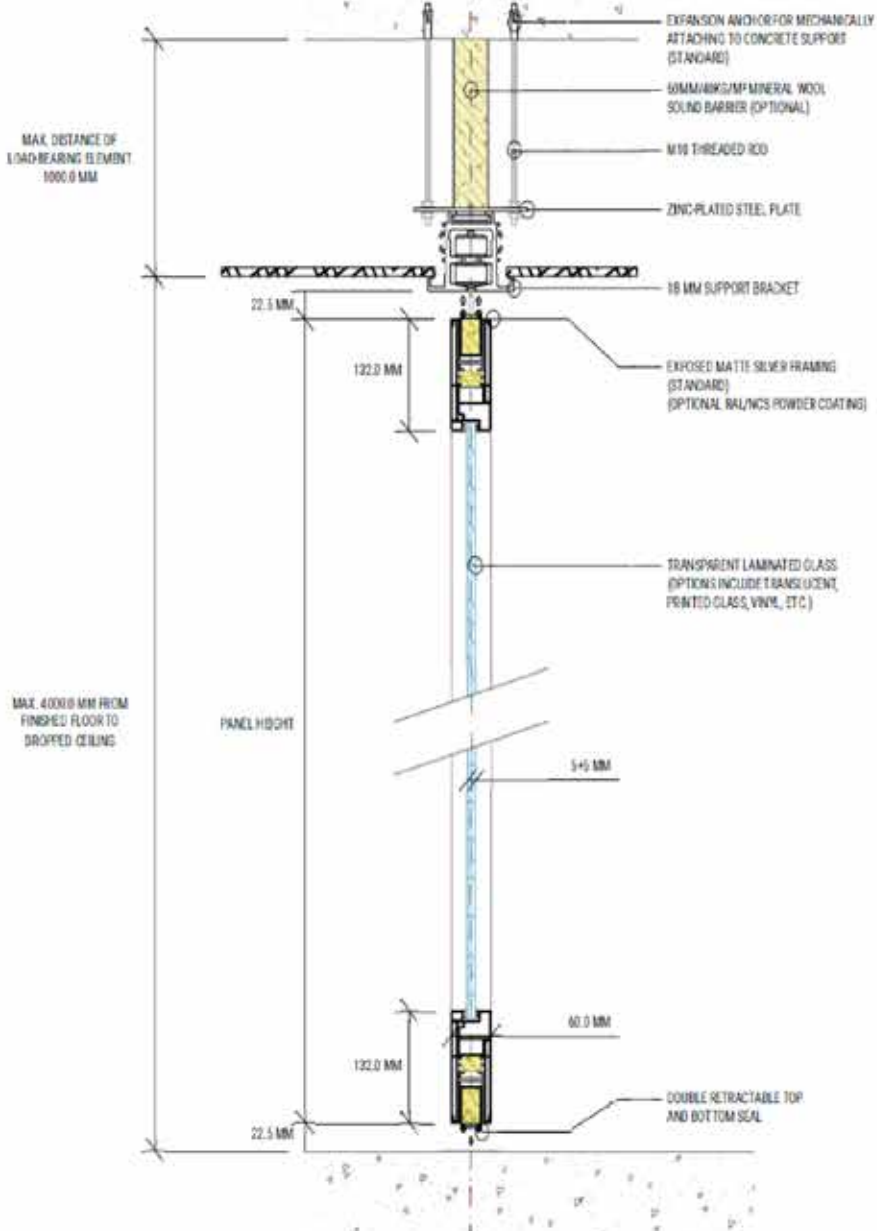
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit. Vinyls and electric current for opacity.

Finishes: laminated glass, tempered glass (optional).

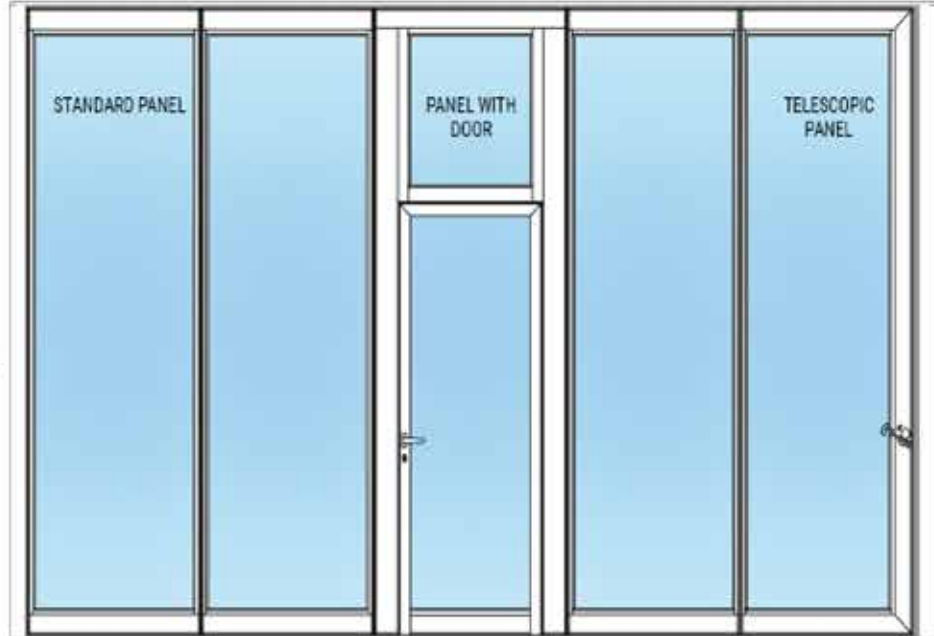
The TX60 Glass model is the perfect solution for projects that require acoustic and thermal comfort while still showcasing the glass.

The use of powder-coated frames mean that the system can be integrated into any indoor or outdoor environment and on terraces with a separate indoor and outdoor space.

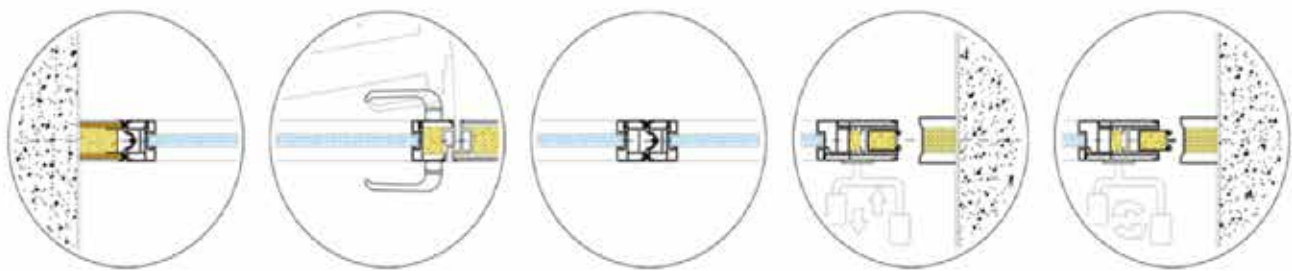
VERTICAL SECTION



GENERIC ELEVATION



HORIZONTAL SECTION







TABIEXPERT TX87 ACOUSTICGLASS

Exposed Framing / Rw=43dB.

TECHNICAL SPECIFICATIONS

Thickness: 87 mm.

Soundproofing: 43 dB.

Insulation: double laminated 4+4 mm glass with 58 mm inner air chamber.

Weight: 34 kg/m²

Framing: exposed

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 4000 mm.

Special sizes available: yes

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Operation: manual (90° turn of removable handle).

Standard panels are side-operated and telescopic panels and panels with doors are front-operated.

Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. In horizontal section using magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes

Glass thickness: 8 mm.

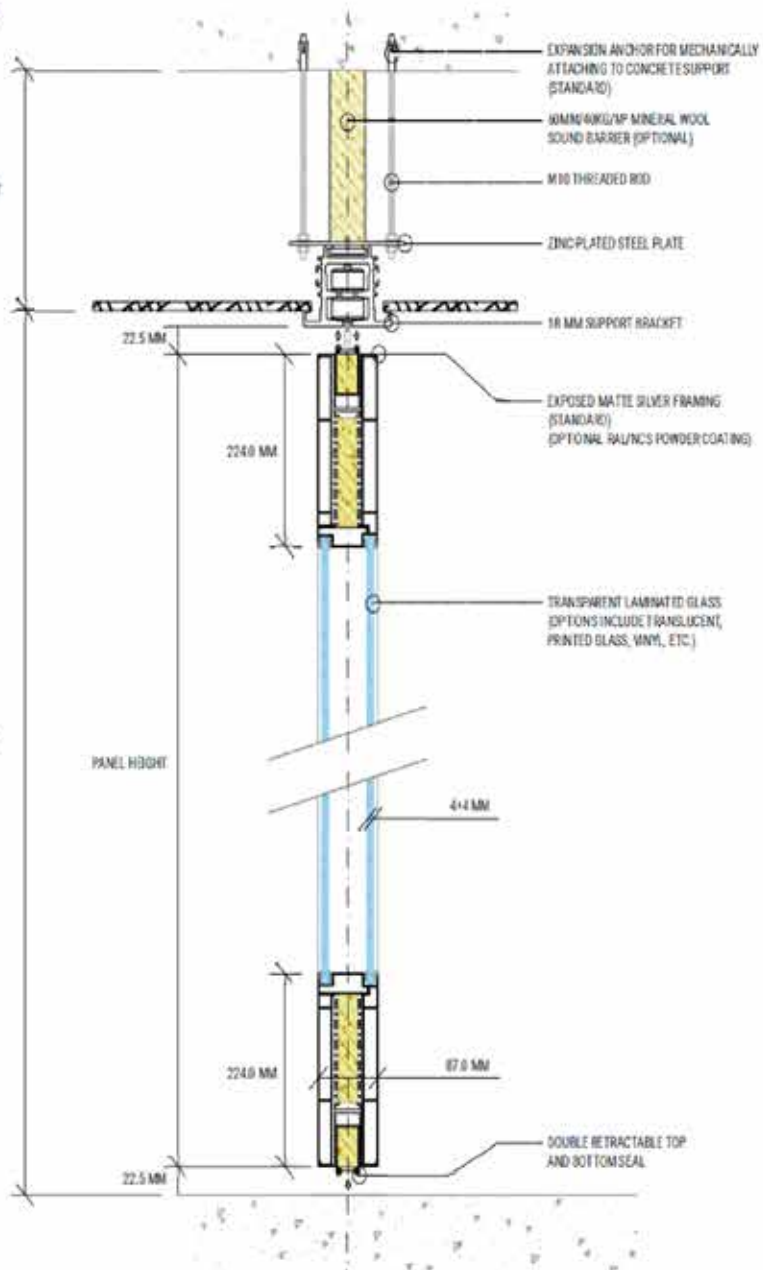
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar), windows and modules for a 90° fit.

Finishes: laminated glass, tempered glass (optional). Silver anodized aluminum frames (powder-coated optional).

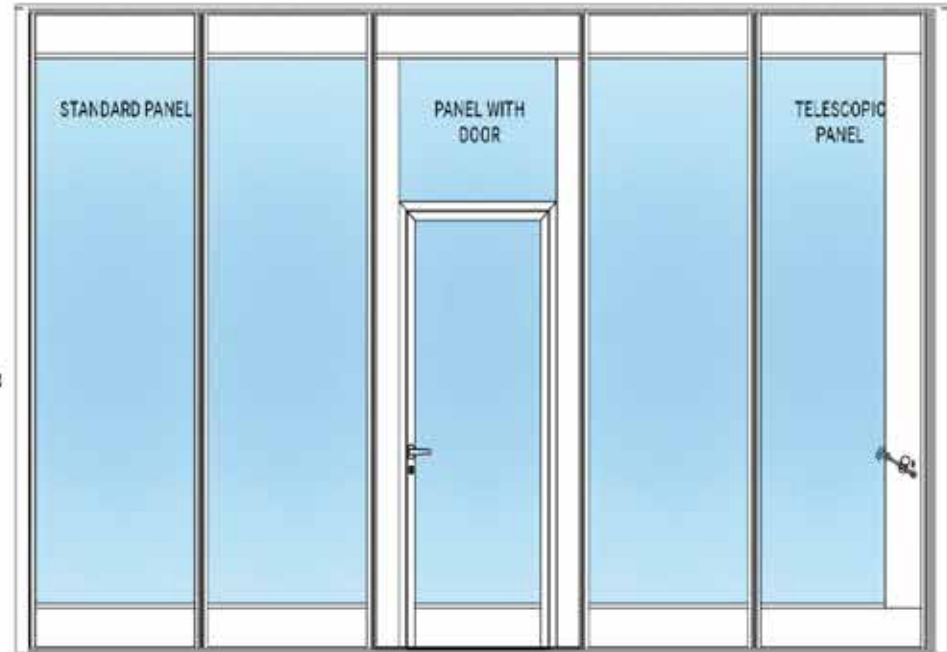
VERTICAL SECTION

MAX. DISTANCE OF
LOAD-BEARING ELEMENT
1000.0 MM

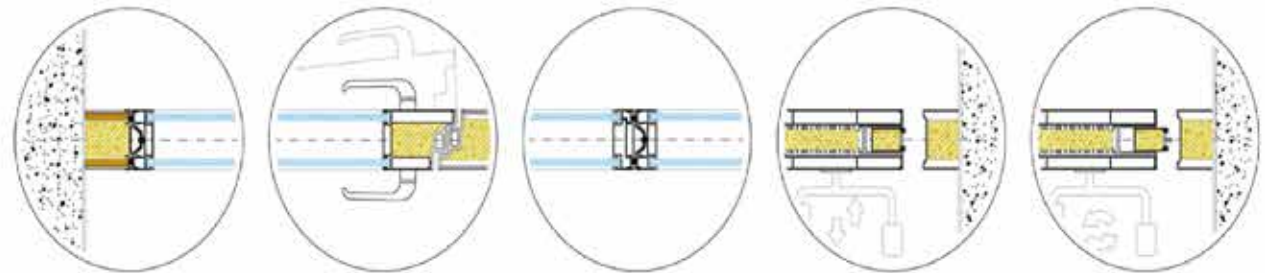
MAX. 6000.0 MM FROM
FINISHED FLOOR TO
DROPPED CEILING



GENERIC ELEVATION



HORIZONTAL SECTION





TABIEXPERT TX110 SILENCEGLASS

Exposed Framing / Rw=48dB.

TECHNICAL SPECIFICATIONS

Thickness: 110 mm.

Soundproofing: 48 dB.

Insulation: double laminated 5+5 mm glass with 90 mm inner air chamber.

Weight: 54 kg/m².

Framing: exposed.

Standard modulation: between 800 mm and 1200 mm.

Standard height: up to 4000 mm.

Special sizes available: yes

Motion system: unidirectional (center-hung from the middle of the main track) / multidirectional (off the main track).

Operation: manual (90° turn of removable handle) / semi-automatic (optional). Standard panels are side-operated and

telescopic panels and panels with doors are front-operated.

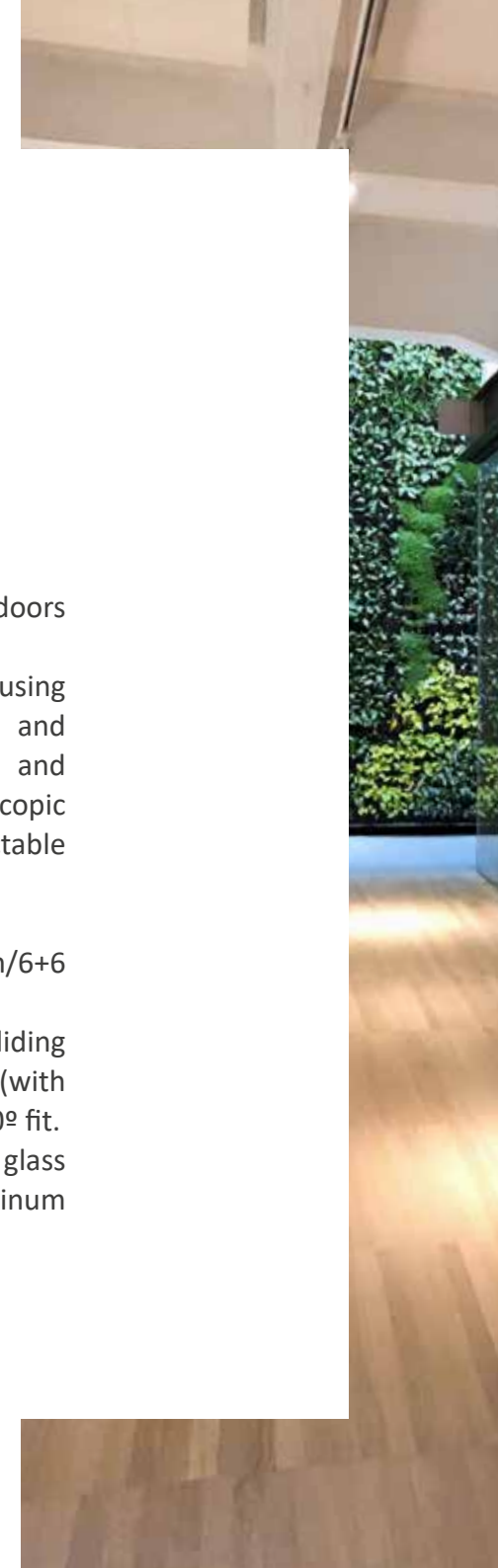
Acoustic sealing: in vertical section using retractable neoprene (EDPM) top and bottom seals. Horizontal magnetic and neoprene (EDPM) seals. The telescopic panel also has horizontal retractable neoprene seals.

Fixed lead and trail jambs: yes

Glass thickness: 5+5 mm.*4+4 mm/6+6 mm (optional).

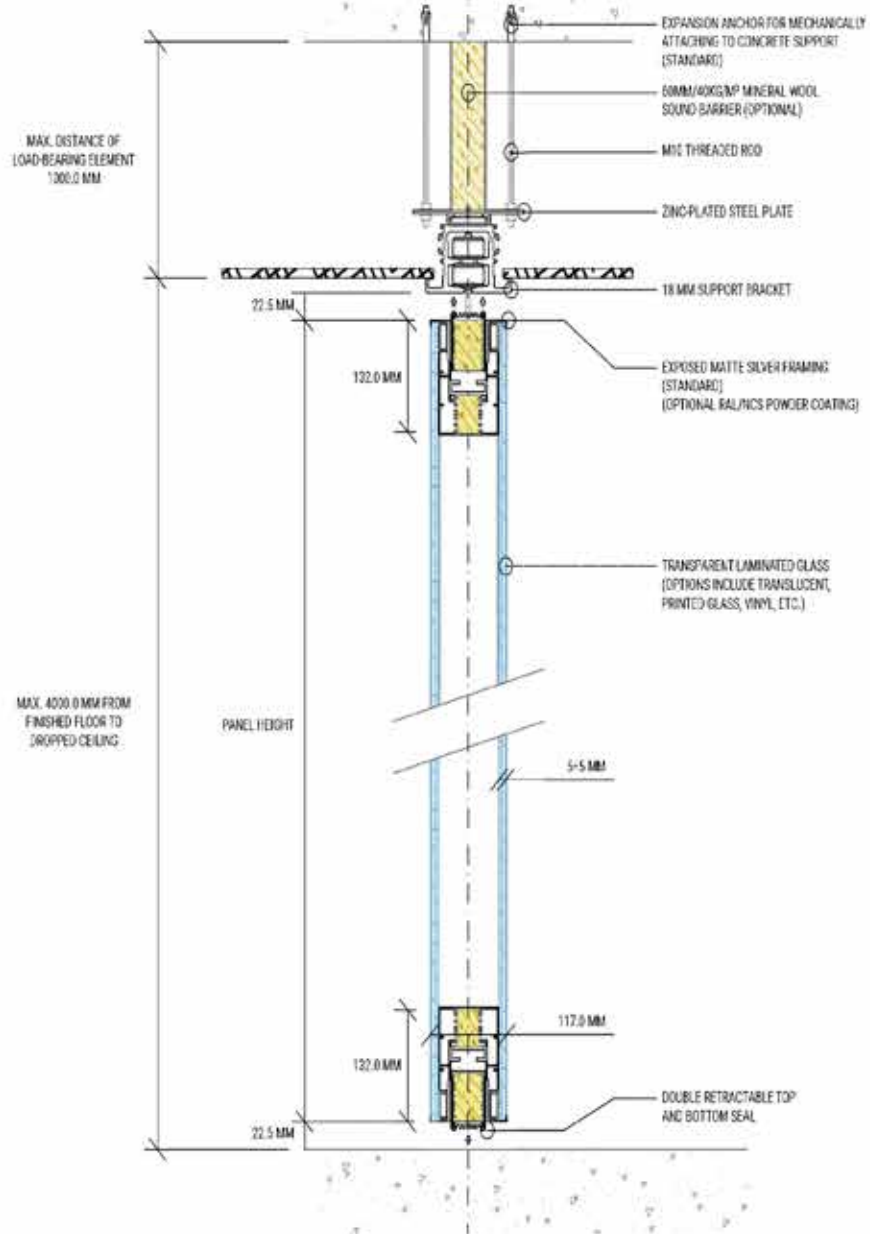
Optional: single door (fixed or sliding side-hinged door) or double doors (with optional panic bar). Modules for a 90° fit.

Finishes: laminated glass, tempered glass (optional). Silver anodized aluminum frames (powder-coated optional).

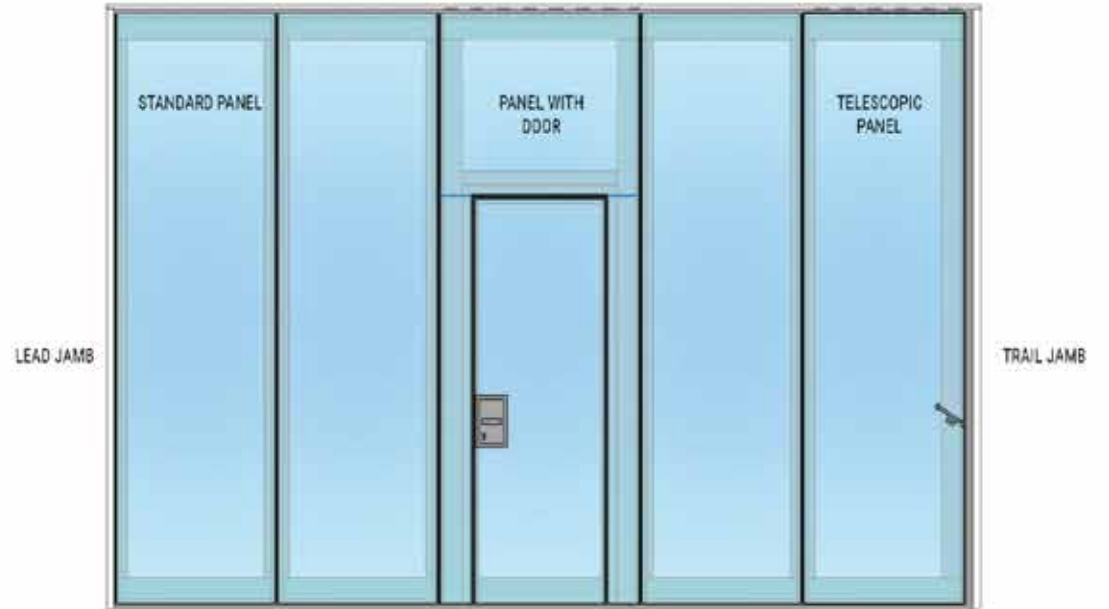




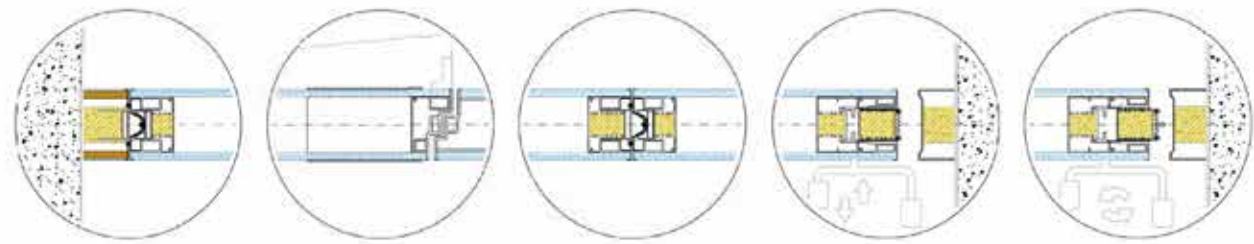
VERTICAL SECTION



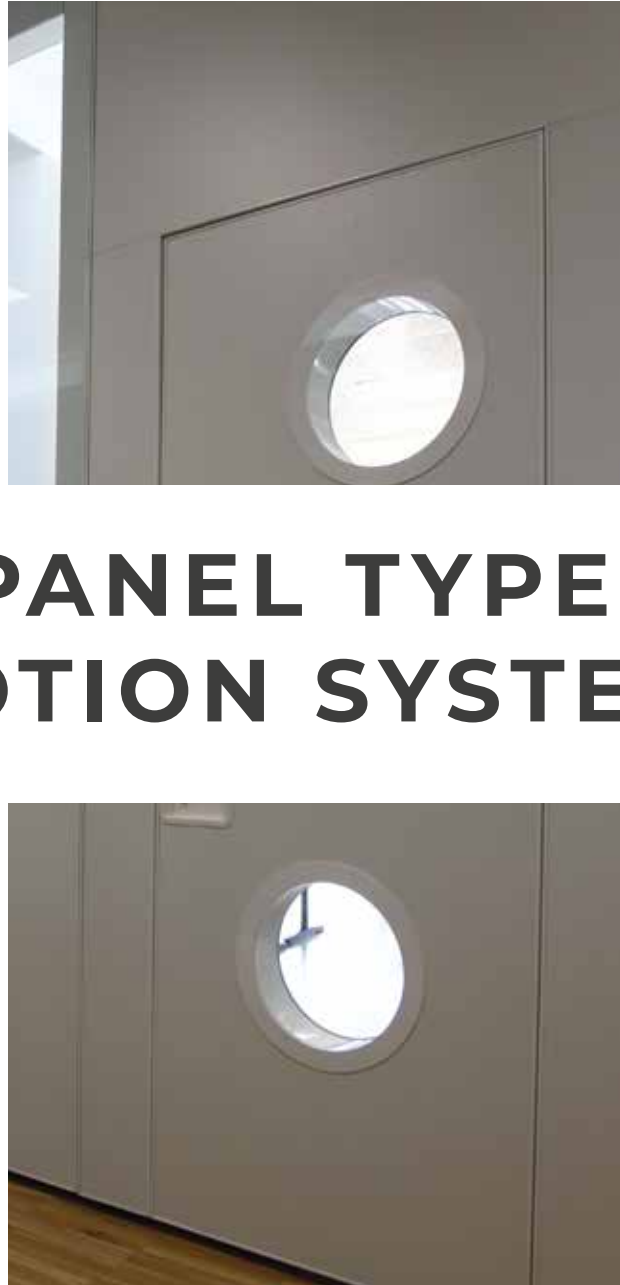
GENERIC ELEVATION



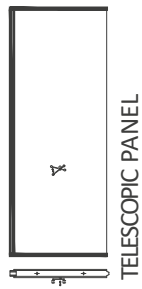
HORIZONTAL SECTION



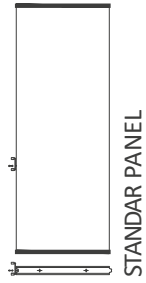




**- PANEL TYPES -
- MOTION SYSTEMS -**



TELESCOPIC PANEL



STANDAR PANEL



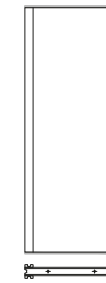
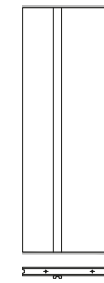
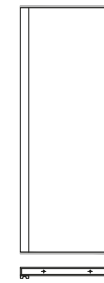
FIXED TRAIL JAMB



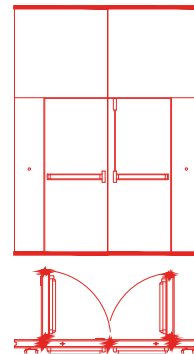
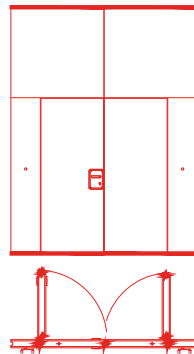
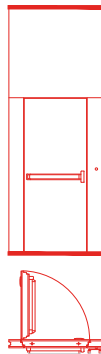
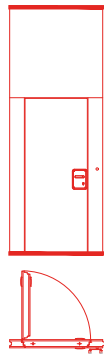
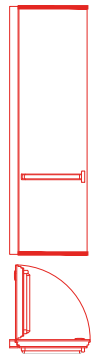
FIXED LEAD JAMB
WITH ALUMINIUM
FRAME



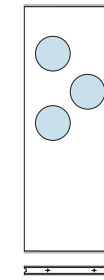
STANDARD PANEL FOR
FIXED HINGED DOOR



L- OR T-SHAPED PANEL
TO CREATE 90°
JUNCTION



PANELS WITH DOOR: FIXED
HINGED, SINGLE OR
DOUBLE (PANIC BAR
OPTIONAL)



GLAZED PANELS:
DIFFERENT DESIGNS AND
TYPES OF GLASS

Our systems make it possible to create singular solutions that turn any project into a reality

All of the models in our range come with special panels that can meet any project requirement for a versatile and flexible movable wall solution: doors at the end of a movable wall (any opening is possible), doors recessed in a panel (725 mm, 825 mm, and 925 mm entrance), double door made with two panels, panic bars, single- or double-glazed panels (laminated, tempered, Climalit, etc.), L- or T-shaped panel to create junctions (even with special angles).





Motion system, without floor tracks

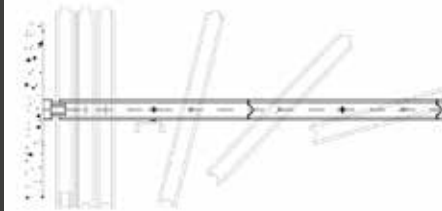
UNIDIRECTIONAL

When walls are unidirectional, the panels are center-hung from a single suspension point in the middle of the panel. This means that the panels are limited to linear movement along the track.

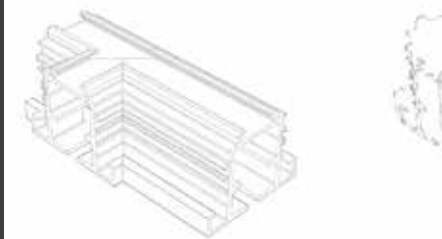
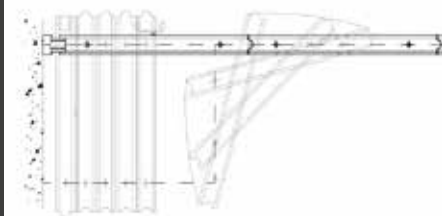
The panels turn 90° from their final position and can be stacked towards one or both ends of the main track. The panels take up half their width on either side of the track when stacked. This is the simplest and most cost-effective motion system, although it is not recommended when the wall is installed next to doors or windows, because the wall could potentially block them.



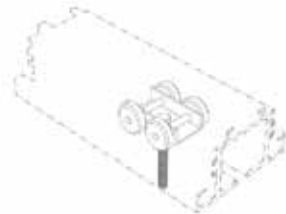
UNIDIRECTIONAL MOTION SYSTEM



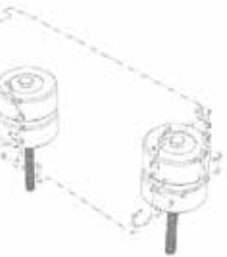
MULTIDIRECTIONAL MOTION SYSTEM



TEM



SYSTEM



MULTIDIRECTIONAL

When walls are multidirectional, the panels have a twin-point suspension, which means they can move off the main track using additional sections of track. Although track intersections normally form 90° angles, different angles can be designed to fit projects with polygonal configurations.

This system makes it possible to stack the panels in different ways and in any direction within the free space, depending on the project requirements. The multidirectional system delivers complete layout flexibility, freeing up trafficked areas without blocking light sources.





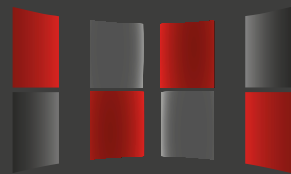




Quality, aesthetics, acoustics, innovation and reliability are what define TABIEXPERT.



A customized project requires customized solutions: at TABIEXPERT all our solutions are tailor-made and vary according to the project's technical characteristics, dimensions and aesthetics. We adapt to any need and can execute a wide range of unique and exclusive projects, backed by the extensive number of jobs we have completed for leading national and international companies. We continue to innovate and grow every year thanks to the trust our customers place in us.



TABIEXPERT
Espacios Móviles S.L.



+34 918 729 866 · www.tabiexpert.com · info@tabiexpert.com
C/ Cabo de Finisterre 36, 28500, Arganda del Rey, Madrid, Spain