

Architectural Catalog



Kwik-Wall

A 3D graphic of four vertical rectangular panels, representing the Kwik-Wall product, positioned behind the text. The panels are light gray and have a slight perspective, appearing to stand upright. They are arranged in a row, with the text 'Kwik-Wall' overlaid on them.

Operable Walls

STC Rated 42 - 56
3" & 4" thick panels
Max height 24'
Individual Panels
Hinged Pair
Electric

Acoustical Glass Walls

STC Rated 43
4" thick panels
Individual Panels
Hinged Pair

Glass Walls

3/8" & 1/2" thick panels
Max height 10'
Individual Panels
Hinged Pair

Accordions

STC 35 - 40
Max height 16'
Max width 25'



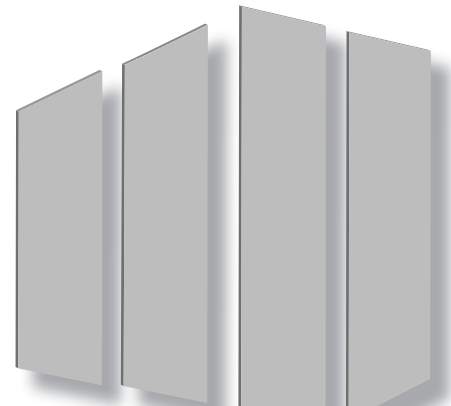


Kwik-Wall Company
4650 Industrial Ave
Springfield, IL. 62703

www.kwik-wall.com
kwinfo@kwik-wall.com
217.522.5553



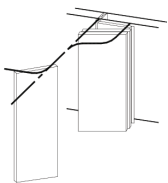
Model 3020 Wall System | LaGuardia Plaza Hotel | Queens, NY



OPERABLE WALLS

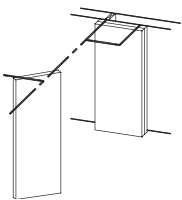
OPERATION TYPE	MODEL	MAX. PANEL HEIGHT	MAX. WALL WIDTH	STACK ARRANGEMENT	STC RATINGS
----------------	-------	-------------------	-----------------	-------------------	-------------

INDIVIDUAL PANELS - CURVE & DIVERTER



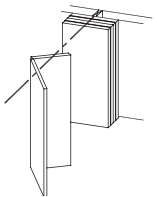
2010	16' 2" (4.93m)	unlimited	Perpendicular, Parallel or Remote	42, 45, 49, 50, 51
3010	24' 2" (7.36m)	unlimited	Perpendicular, Parallel or Remote	43, 46, 48, 50, 52, 56

INDIVIDUAL PANELS - MULTI-DIRECTIONAL



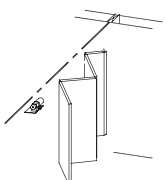
2020	16' 2" (4.93m)	unlimited	Perpendicular, Parallel or Remote	42, 45, 49, 50, 51
3020	24' 2" (7.36m)	unlimited	Perpendicular, Parallel or Remote	43, 46, 48, 50, 52, 56
3020 WT	12' 2" (3.7m)	unlimited	Perpendicular, Parallel or Remote	43, 46, 48, 50, 52, 56

HINGED PAIRS

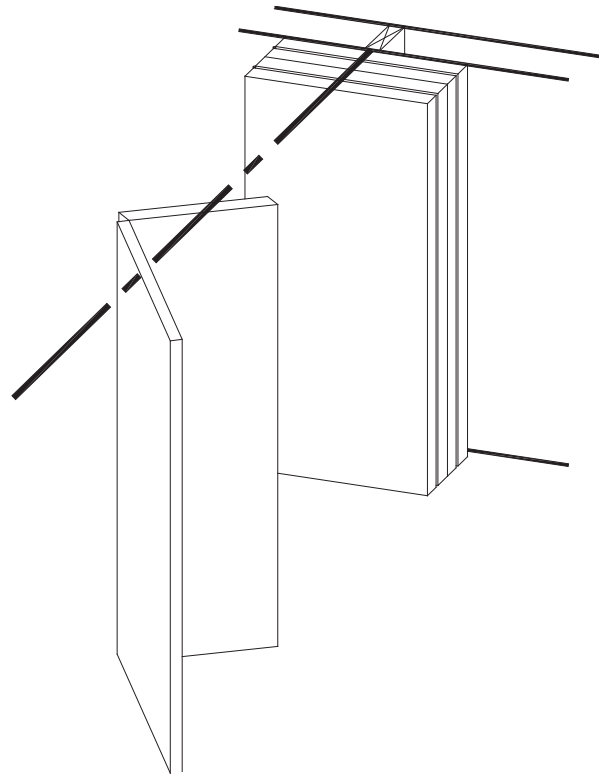


2030	16' 2" (4.93m)	unlimited	Center Stack	42, 45, 49, 50, 51
3030	16' 2" (4.93m)	unlimited	Center Stack	43, 46, 48, 50, 52, 56

CONTINUOUSLY HINGED - ELECTRIC



2050	14' 2" (4.32m)	42'3" (12.9m)	Center Stack	42, 45, 49, 50, 51
3050	24' 2" (7.36m)	99' 9 3/8" (31.41m)	Center Stack	43, 46, 48, 50, 52, 56



Hinged Pair operating system are the most requested configuration. This feature is a system the uses paired (2) panels that are hinged together and move simultaneously on a straight track and are center stacked. This wall system allows the panels to be moved easily, and efficiently.

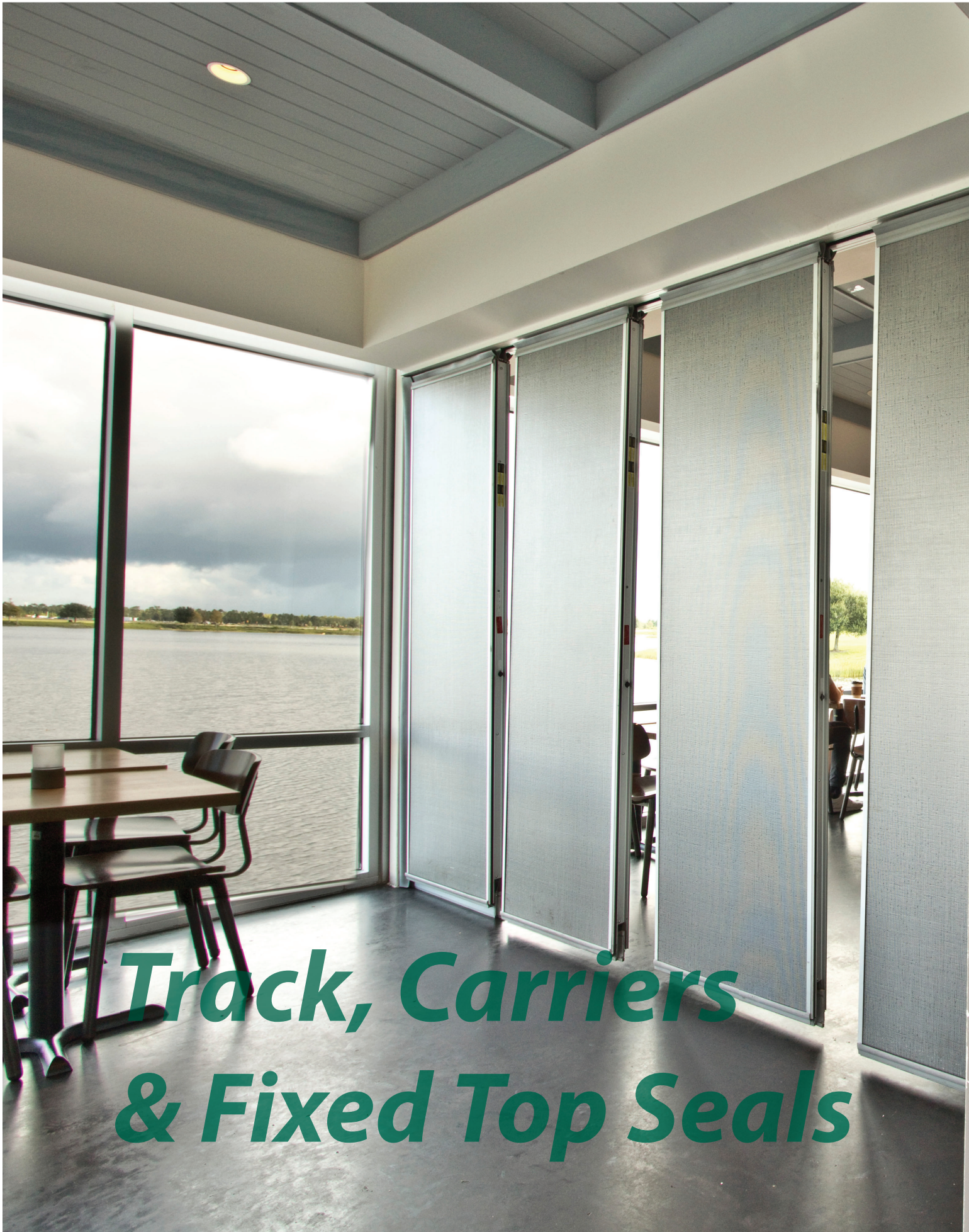
Model 2030 offers a range in STC of 42 to 51, that have been certified in an independent acoustical laboratory in accordance with ASTM E90 and ASTM E 413.

MODEL 3030 offer a range in STC of 43 to 56. The model 3030 construction features panels that are 4" [101.6] thick, manufactured of a durable roll-formed steel frame, and standard steel skins for maximum Durability and sound control.



Model 2030 | Don Pepe Restaurant | Newark, NJ





*Track, Carriers
& Fixed Top Seals*

Kwik-Wall Warranty

Leading the industry with the highest quality walls, Kwik-Wall proudly offers a ten-year warranty

Throughout production, we focus on the quality of each panel and its components. In doing so, we can guarantee an extended life expectancy for each wall system. We strive to make our end users completely satisfied.

We take pride in our products and want to share our confidence by providing additional service to you and your customers. The ten-year warranty is valid for each track, carrier, and fixed top seals. We warrant these items because we offer a durable system with superior components, state-of-the-art installation, and maintenance which guarantees the extra years.

To view the complete Kwik-Wall warranty, please visit us online at:

<https://www.kwik-wall.com/learn-more/warranty-disclaimer/>

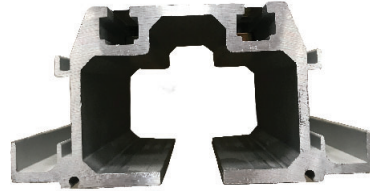


Track Options

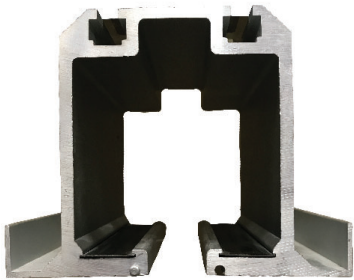
Kwik-Wall Operable and Glass Walls
can be mounted on drop rods or by direct mount
to the overhead support system.



425 Aluminum Track system
Hinged Pair
Models: 2030, 3030 and 3030GL



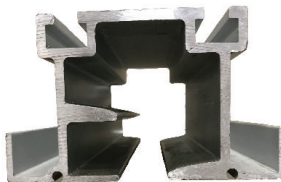
850 Aluminum Track System (shallow)
Hinged Pair and Curved & Diverter
Models: 2010, 2030, 3010, 3030,
3010GL, and 3030GL



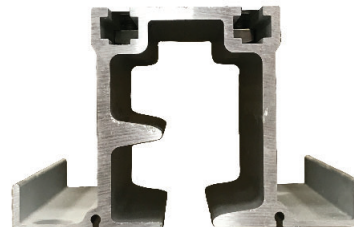
850 Aluminum Track System (tall)
Hinged Pair and Curve & Diverter
Models: 2010, 2030, 3010, 3030
3010GL, and 3030GL



850 Steel Track System
Hinged Pair
Models: 2030, 3010, 3030, 3010GL and
3030GL



425 Aluminum Track System
Multi-Directional
Models: 2020, 3020, and 3020GL



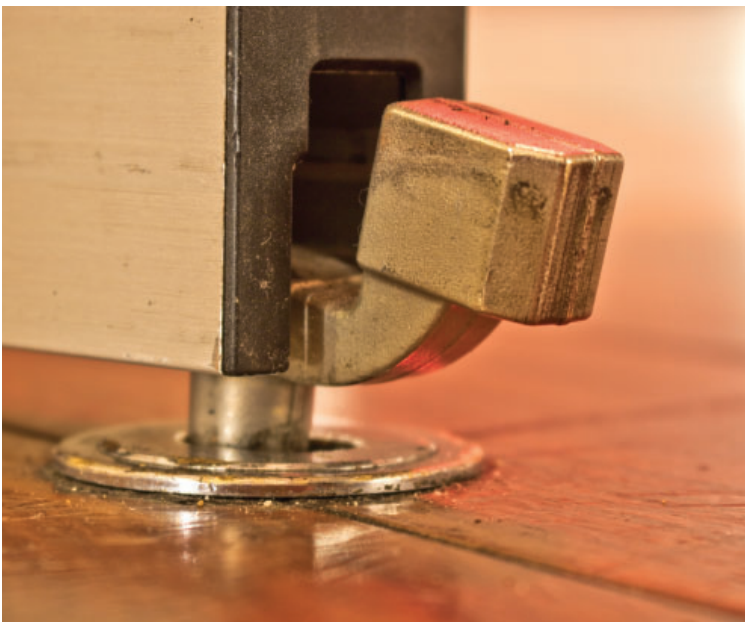
850 Aluminum Track System
Multi-Directional
Models: 2020, 3020, 3020WT, and
3020GL



Model 2030 | AbleCine | Industry City, Brooklyn, NY



Model Variotec | Conrad New York Hotel | New York City, NY



GLASS WALLS

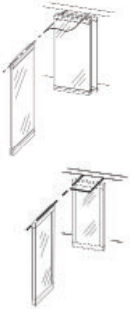
OPERATION TYPE	MODEL	MAX. PANEL HEIGHT	MAX. WALL WIDTH	STACK ARRANGEMENT	FINAL CLOSURE OPTIONS
----------------	-------	-------------------	-----------------	-------------------	-----------------------

KWV-Tec INDIVIDUAL PANELS - MULTI-DIRECTIONAL



Trimless		10' 0" (3.05m)	unlimited	Perpendicular, Parallel or Remote	Fixed Pivot, Fixed, or Swing
Trimmed		12' 0" (3.66m)	unlimited	Perpendicular, Parallel or Remote	Fixed Pivot, Fixed, or Swing

VARIOTEC INDIVIDUAL PANELS - MULTI-DIRECTIONAL



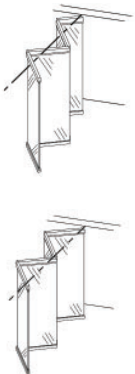
Trimless		10' 0" (3.05m)	unlimited	Perpendicular, Parallel or Remote	Fixed Pivot, Fixed Swing or Sliding
Trimmed		10' 0" (3.05m)	unlimited	Perpendicular, Parallel or Remote	Fixed Pivot, Fixed Swing or Sliding

KWP-FOLD HINGED PAIRS



KWP-Fold Acoustical STC 35		10' 0" (3.05m)	unlimited	Center Stack	Fixed Pivot
----------------------------	--	----------------	-----------	--------------	-------------

VARIOTEC HINGED PAIRS

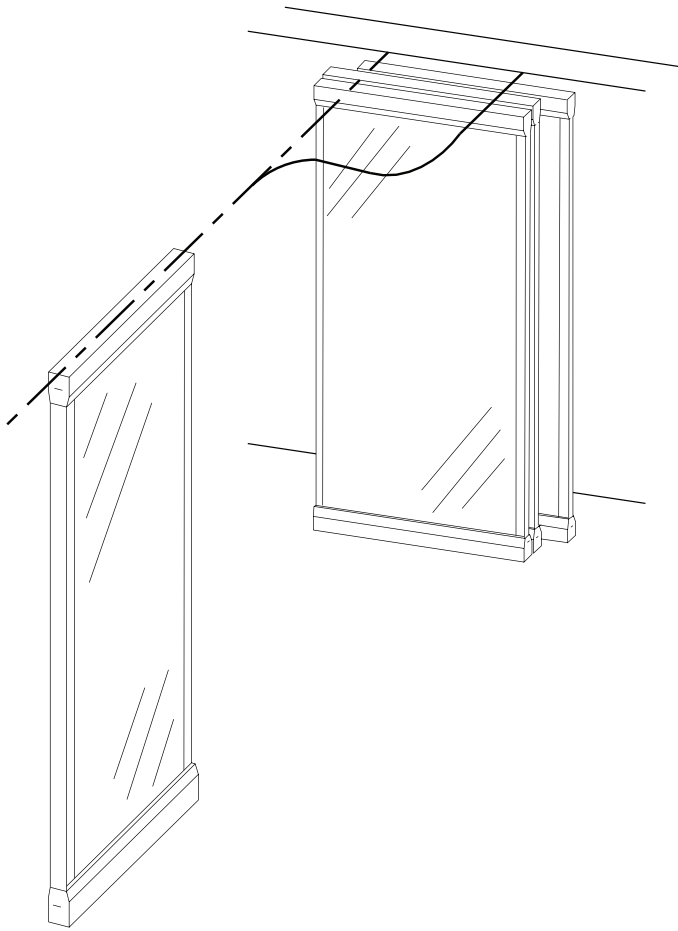


Centerfold		8' 6 3/4" (2.61m)	16' 6 7/16" (5.04m)	Center Stack	Half Panel (top and bottom pivot)
Variofold		8' 6 3/4" (2.61m)	17' 8 1/2" (5.4m)	Offset Stack	Full Panel (top and bottom pivot), Fixed Swing or Pivot



KWV-Tec Trimmed | University of Illinois | Urbana-Champaign, IL





Curve & Diverter is an operating system that allows panels to turn effortlessly through radius type intersections. The glass wall system glides smoothly and moves with ease.

Moveable Glass Walls operate on a fixed-top suspension and securely fastens in place by a floor locking mechanism. These are three types of locking systems.

- 1.) foot bolts (face or side activated).
- 2.) Thumb turns
- 3.) Key turns

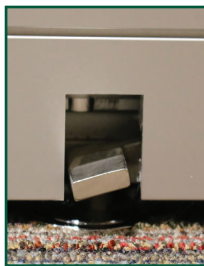
* Face Foot Bolt shown on left page.



Thumb Turn



Key Turn



Face Foot Bolt



Side Foot Bolt



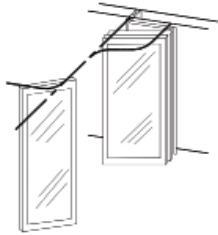
Side Foot Bolt



ACOUSTICAL GLASS WALLS

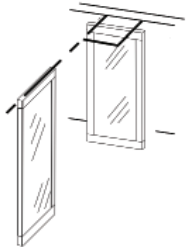
OPERATION TYPE	MODEL	MAX. PANEL HEIGHT	MAX. WALL WIDTH	STACK ARRANGEMENT	STC RATINGS
----------------	-------	-------------------	-----------------	-------------------	-------------

INDIVIDUAL PANELS - CURVE & DIVERTER



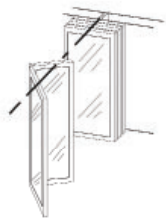
3010 GL	16' 2" (4.93m) acoustical substrate 24' 2" (7.37m) steel skin	unlimited	Perpendicular, Parallel or Remote	43
KWV-Tec Trimmed	10' 6" (3.2m)	unlimited	Perpendicular, Parallel or Remote	35

INDIVIDUAL PANELS - MULTI-DIRECTIONAL



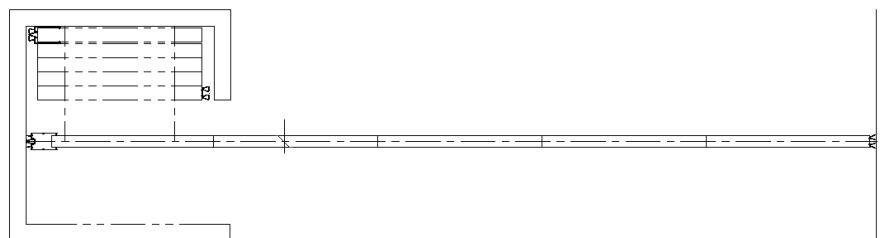
3020 GL	16' 2" (4.93m) acoustical substrate 24' 2" (7.37m) steel skin	unlimited	Perpendicular, Parallel or Remote	43
KWV-Tec Trimmed	10' 6" (3.2m)	unlimited	Perpendicular, Parallel or Remote	35

HINGED PAIRS



3030 GL	16' 2" (4.93m) acoustical substrate 24' 2" (7.37m) steel skin	unlimited	Perpendicular, Parallel or Remote	43
---------	--	-----------	--------------------------------------	----

Model 3020GL | Hampton Inn | Springfield, MO | Parallel Stack





For their continental Breakfast, the Hampton Inn, located in Springfield, Missouri, opens its acoustically rated glass wall system to serve its guests.



Etched in the glass is the Hampton Inn logo to provide a privacy barrier when the area is closed for food preparation and cleaning.

Etching can be done in a variety of ways: Contact Kwik-Wall for more information.



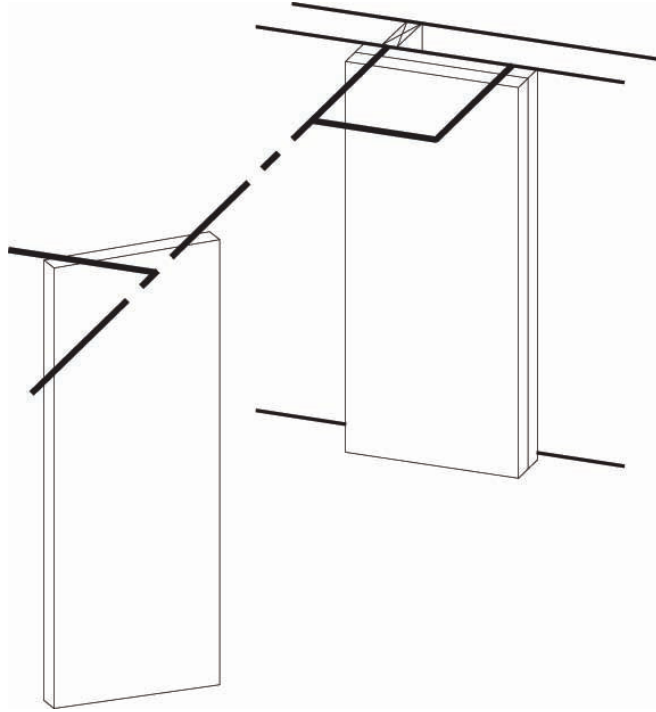
An elegant wall is on display when the area is not in use. The finish options on our GL series acoustical wall system are nearly limitless.

With a variety of vinyl, fabric, and wood veneer, Plus available powder coating on KVV-Tec series. Your glass wall will add value to any room.



Model 3020 | Holy Family Parish | Manchester, PA





Multi-Directional operating system travels manually through 90 degree (X, L, and T) intersections. This versatile system is constructed of individual panels that suspend from a structural aluminum track.

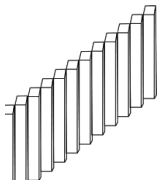
2020 Model offers a range in STC of 42 to 51 to meet the middle range of acoustical requirements at a very competitive price range.

3020 Model offers a range in STC of 43 to 56. Offering you the highest STC in the industry. This robust 4" thick panel system is designed to give you years of worry-free operation.

ACCORDION PARTITIONS

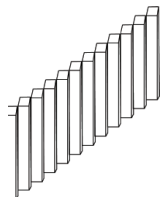
OPERATION TYPE	MODEL	MAX. PANEL HEIGHT <small>Per door max. opening</small>	MAX. WALL WIDTH <small>Per door max. opening</small>	FINISH OPTIONS	STC RATINGS
----------------	-------	---	---	----------------	-------------

ACCORDION - SOUND DIVIDER



VL-2	16' 0" (4.90m)	25' 0" (7.62m)	Vinyl, Fabric, Carpet	35
VL-6	16' 0" (4.90m)	25' 0" (7.62m)	Vinyl, Fabric, Carpet	38
VL-8	16' 0" (4.90m)	25' 0" (7.62m)	Vinyl, Fabric, Carpet	40

ACCORDION - SITE DIVIDER



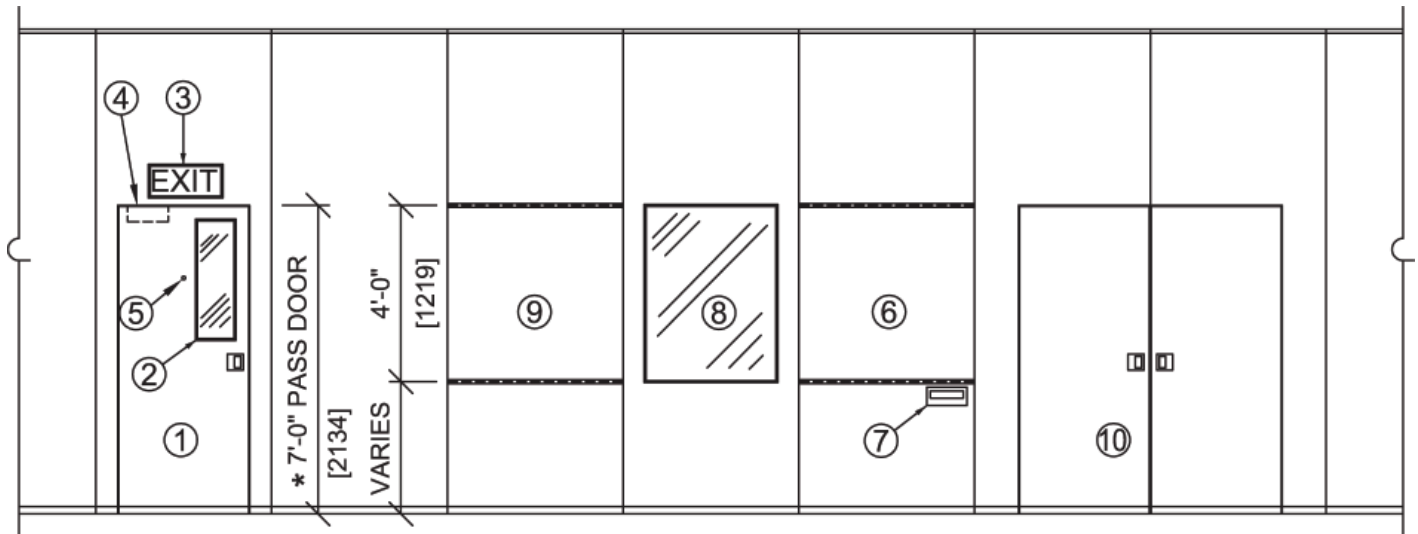
MK-XX	16' 0" (4.90m)	25' 0" (7.62m)	Vinyl, Fabric, Carpet	-
MK-X	16' 0" (4.90m)	12' 0" (3.05m)	Vinyl, Fabric, Carpet	-







Options & Accessories



① **Pass Door**
(Single or Double)

② **Pass Door Vision Lite**

③ **Exit Signs**

④ **Door Closure**

⑤ **Peep Hole**

⑥ **Writing Surfaces**
Liquid Chalk Surface (LCS) or glass

⑦ **Chalk Trays**

⑧ **Panel Vision Lites**

⑨ **Tack Boards**

⑩ **Pocketdoors**
(Single or Double)

*Product Details and Specifications also available at:

bimobject[®]

M MASTERSPEC[®]
building specs done right



LUMINOUS[™] STELLA

TECHNICAL DATA &
DRAWINGS





COMING SOON

- Manually Activated Seals
- Dry Glazing (exchangeable glass)
- Acoustical performance - 44DB
- Protected Edge Frames
- Low Profile Top & Bottom Rails
- Extra Low Profile Vertical Rails

Dimensions

Panel Thickness	4 1/4" [115mm]
Panel Widths	33" [840] - 51" [1300]
Height (máx.)	up to 10' 10" [3300]

Construction

Glazing	Tempered Glass / Laminated Glass
Extras	Electrically controlled blinds Switchable & Back Painted Writable Surfaces
Element connections	Complementary geometry aluminium profiles (Positive - Negative)



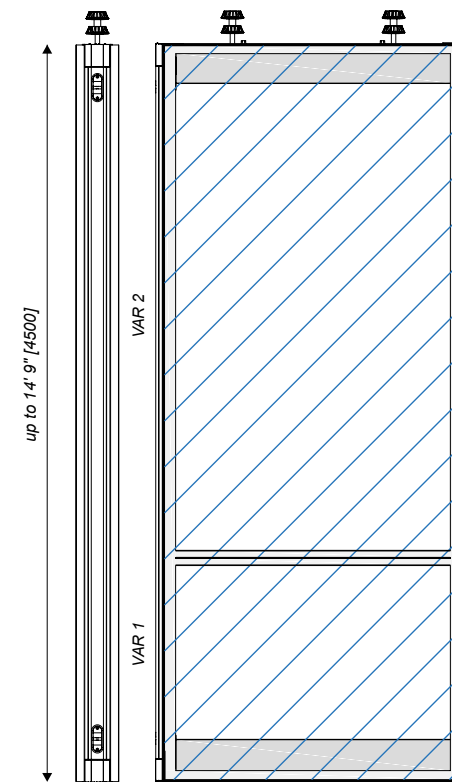
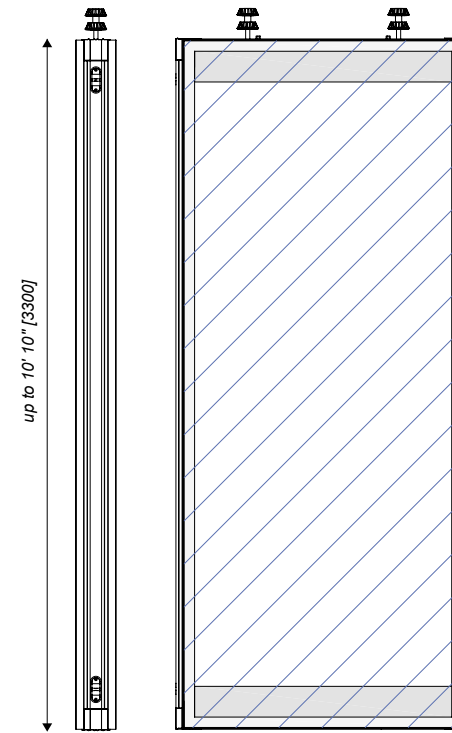
TECHNICAL DATA SHEETS AND DRAWINGS INDEX

MANUAL STELLA (Coming Soon)	2
STELLA AUTOMATED PANELS	4
GLAZED PANEL	4
TELESCOPIC	6
MULTI	8
SINGLE INSET PASSDOOR	10
DOUBLE INSET PASSDOOR	12
FULL-HEIGHT PASSDOOR	14
CEILING TRACK, SUSPENSION TYPES AND STACKING SYSTEMS	16
OPTIONS	17

STELLA PANELS
MOVABLE GLASS WALLS



STELLA PANELS
BASIC PANELS



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	<input checked="" type="radio"/>
Anodized or RAL colors	<input type="radio"/>

Equipment details

Semi-Automatic	<input checked="" type="radio"/>
Full-Automatic	<input type="radio"/>

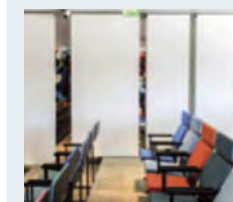
Suspension

	Single Point Center/ Multi-Directional
--	--

Technical specifications	STC (dB)	Weight (lbs/ft²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8.00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a minimum height of 18 1/8" [460mm] is required.

Standard equipment
 Option



FULLY AUTOMATIC

STELLA fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate. This allows the user to program such things as speed of closure and configuration. Panels' operating batteries charge both in extend and stacked positions. In the event of a long power interruption a battery back-up is supplied as standard.



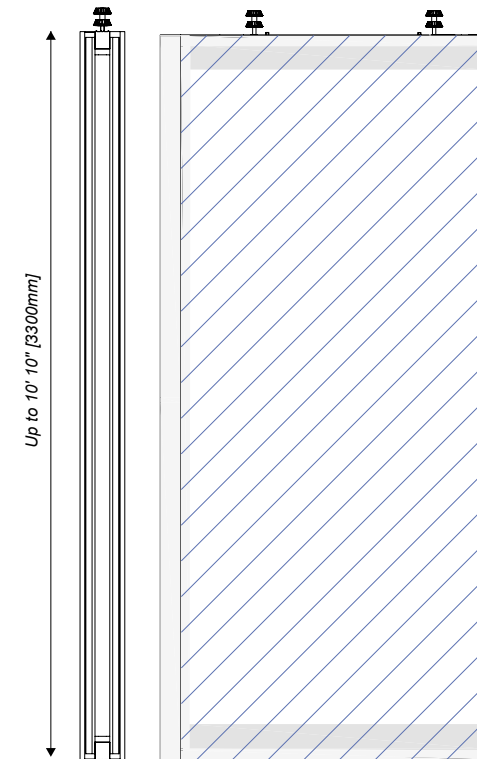
SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a low voltage (24v) actuator powered by a certified power supply. A battery back-up can be supplied for use in case of a power outage.

STELLA PANELS
TELESCOPIC CLOSURES



STELLA PANELS
TELESCOPIC CLOSURES



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

Semi-Automatic	●
Full-Automatic	○

Suspension

	Single Point Center/ Multi-Directional
--	--

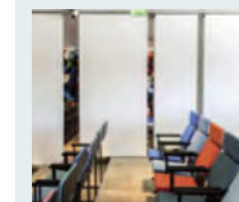
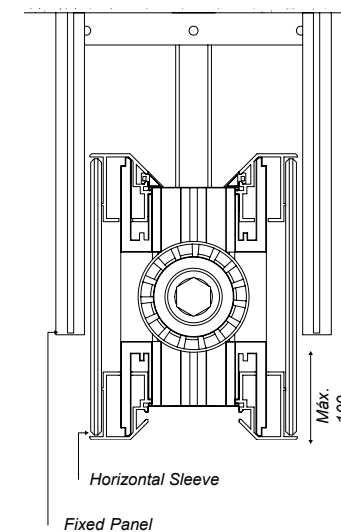
Technical specifications

	STC (dB)	Weight (lbs/ft²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8.00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a
minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option

FIXED TELESCOPIC CLOSURE



FIXED CLOSURES

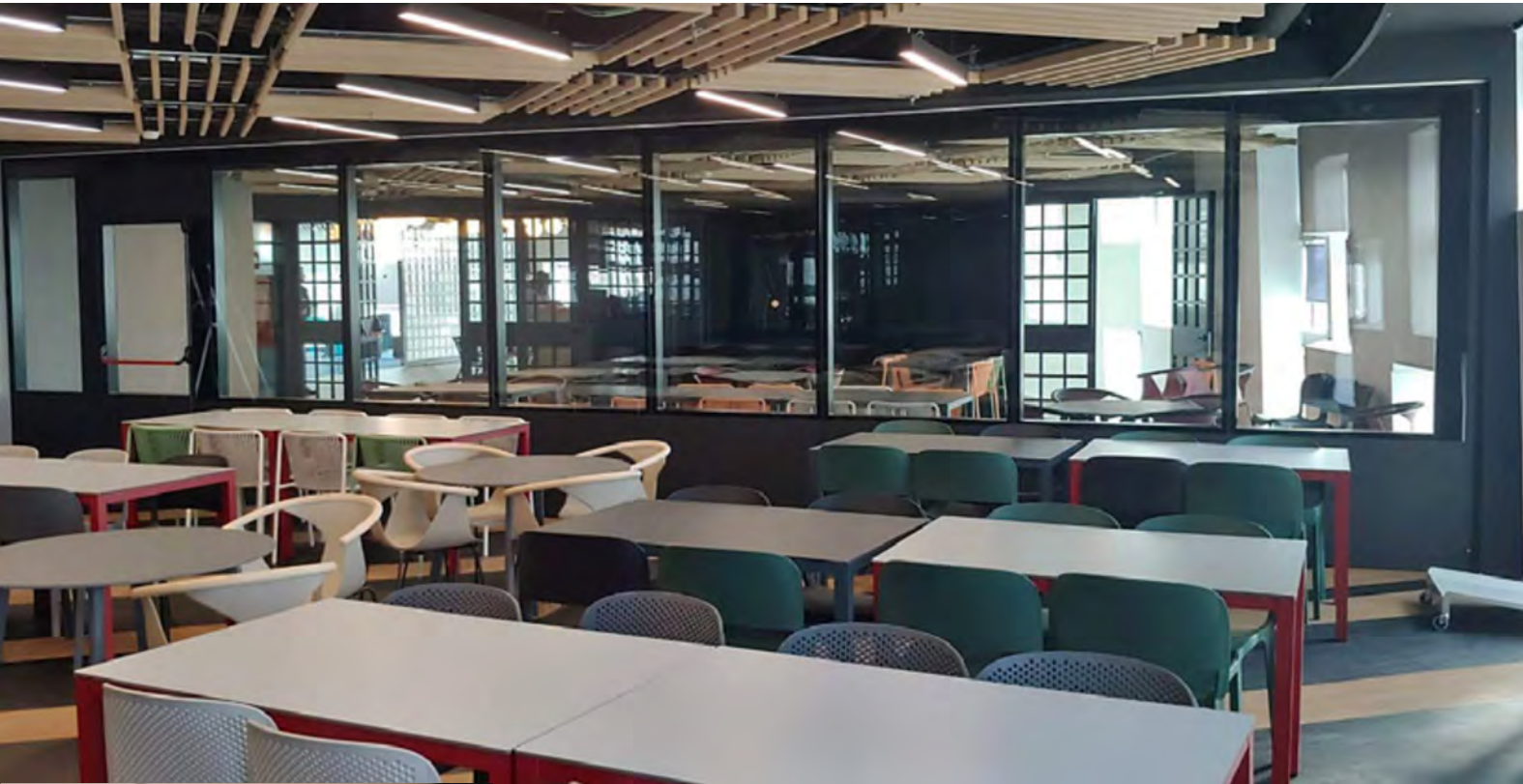
STELLA fully automatic fixed closure is designed into the adjacent wall and automatically extends to seal the partition in place. This closure system provides a 4" [101] extension. The automatic closure compresses the panels tightly together to provide a superior vertical panel-to-panel acoustic seal. Special design considerations are required for the fixed wall, so contact your Kwik-Wall distributor to request design assistance.



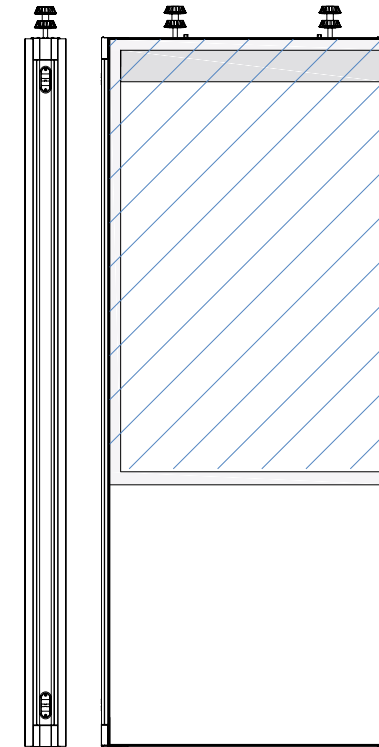
SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a low voltage (24v) actuator powered by a certified power supply. A battery back-up can be supplied for use in case of a power outage.

STELLA PANELS
SOLID & MULTI-FACED PANELS



STELLA PANELS
SOLID & MULTI-FACED PANELS



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

Semi-Automatic	●
Full-Automatic	○

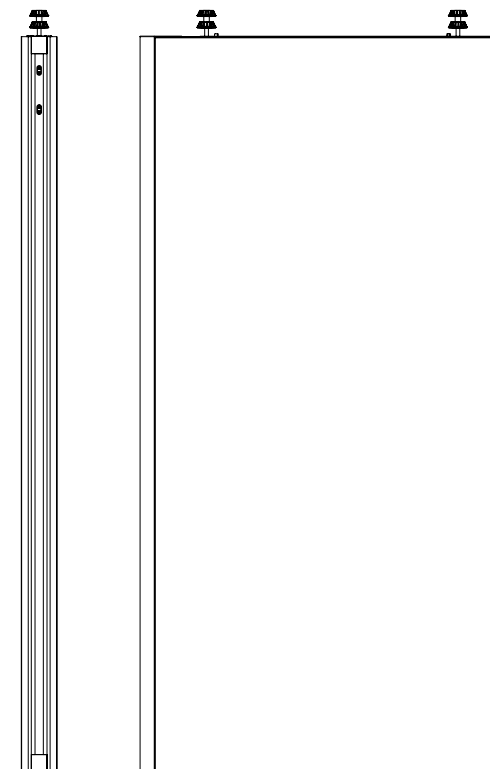
Suspension

	Single Point Center/ Multi-Directional
--	--

Technical specifications	STC (dB)	Weight (lbs/ft²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8.00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a
minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option

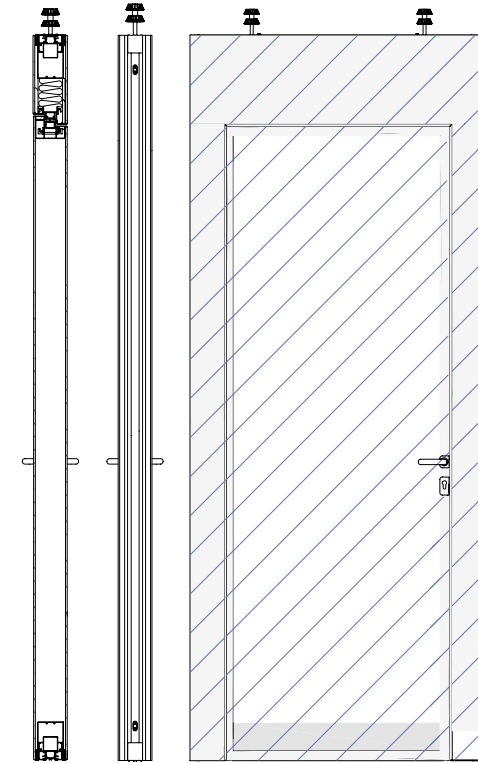


Optional Solid Panels
Melamine, or Back Painted Glass

W908 ST2	W980 ST2
U999 ST2	U708 ST9

NOTE

Other finishes may be available including writing surfaces. Contact
your Kwik-Wall distributor.



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

Semi-Automatic	●
Full-Automatic	○

Suspension

	Single Point Center/	Multi-Directional
Technical specifications	STC (dB)	Weight (lbs/ft²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8.00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option



FRAME & HANDLES

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



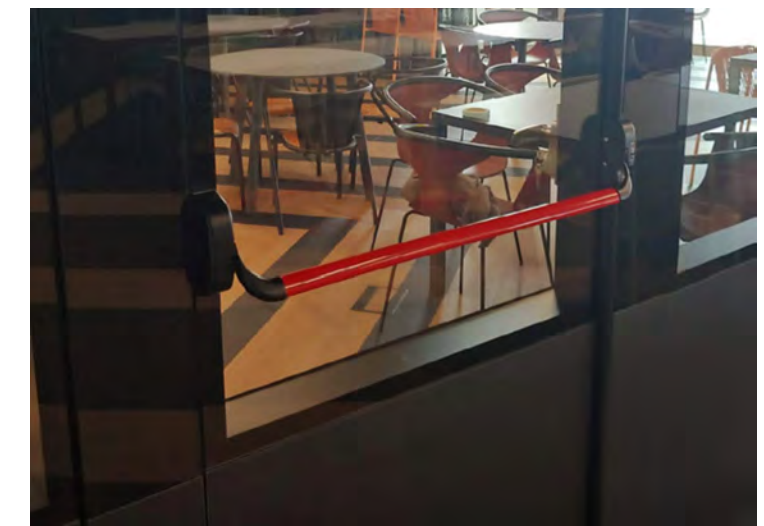
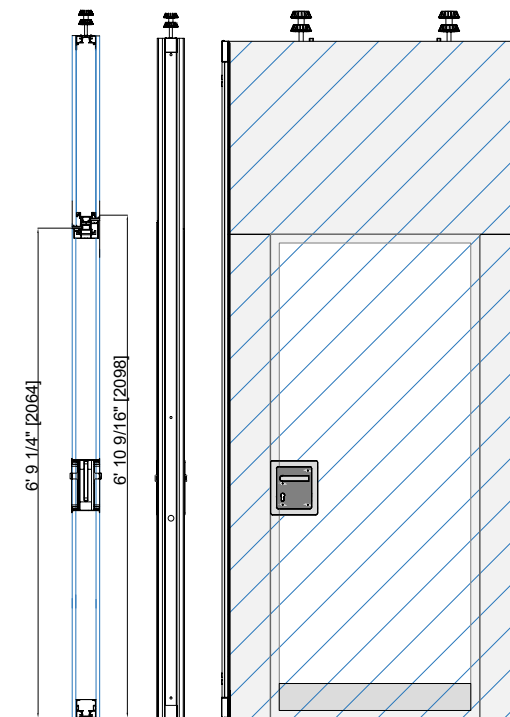
HINGE SYSTEM

STELLA innovative concealed hinge allow full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.



CONTROL DETAILS

Low voltage electrical contacts are housed in our proprietary aluminum astragal profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom which extends automatically during the closing action of the door.

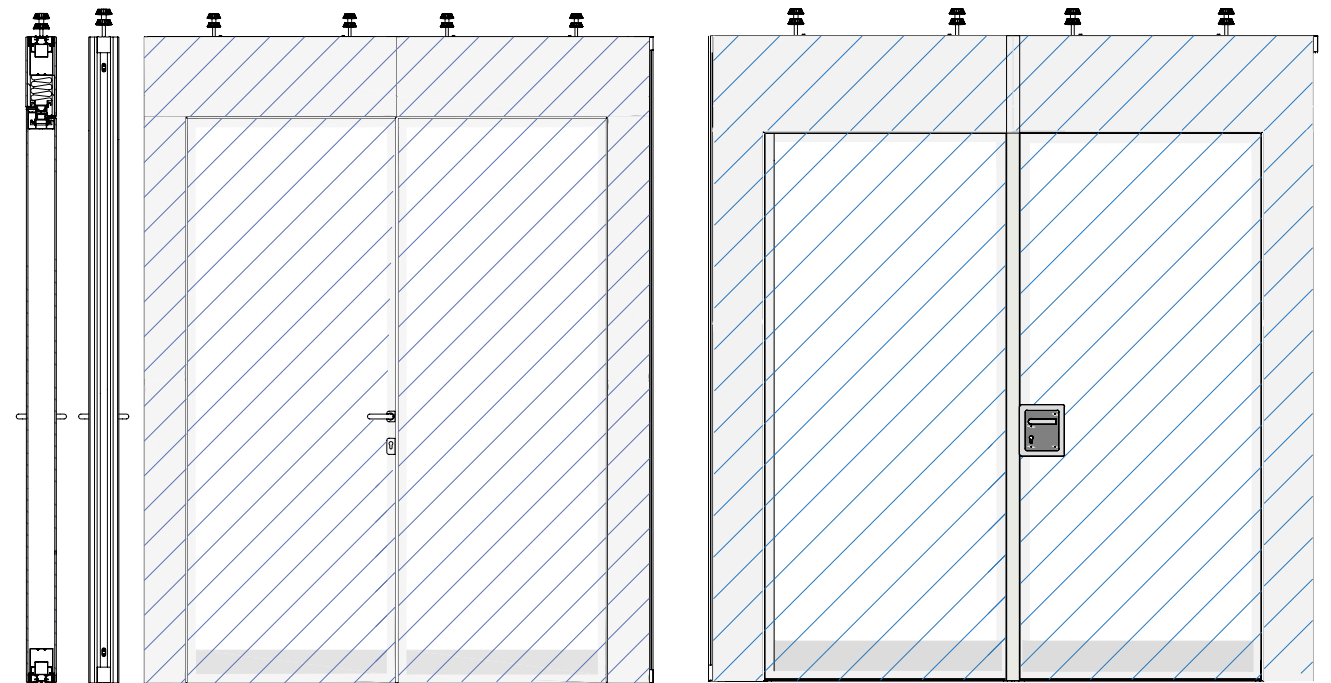


Optional Panic Hardware

STELLA PANELS
DOUBLE INSET PASSDOOR



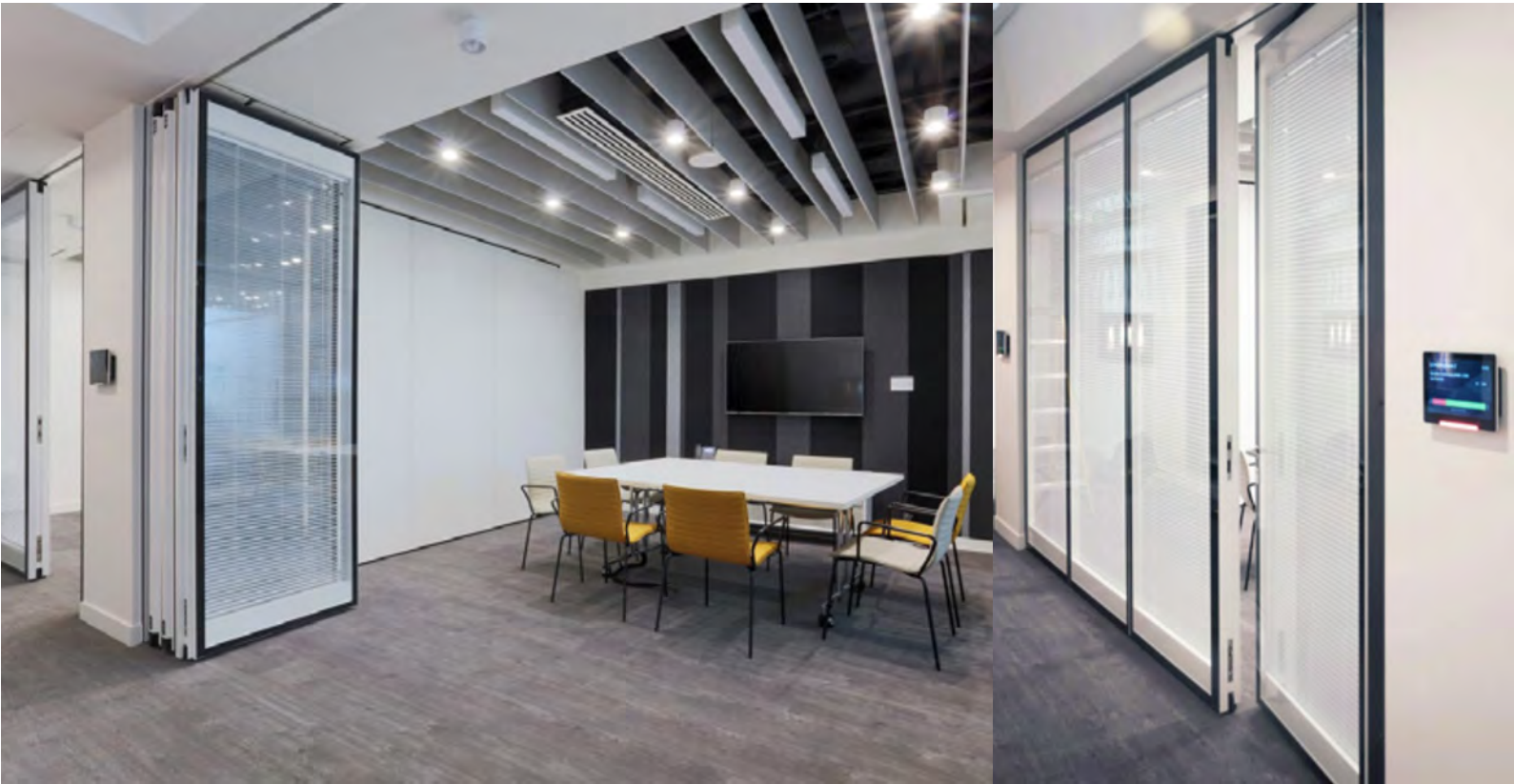
STELLA PANELS
DOUBLE INSET PASSDOOR



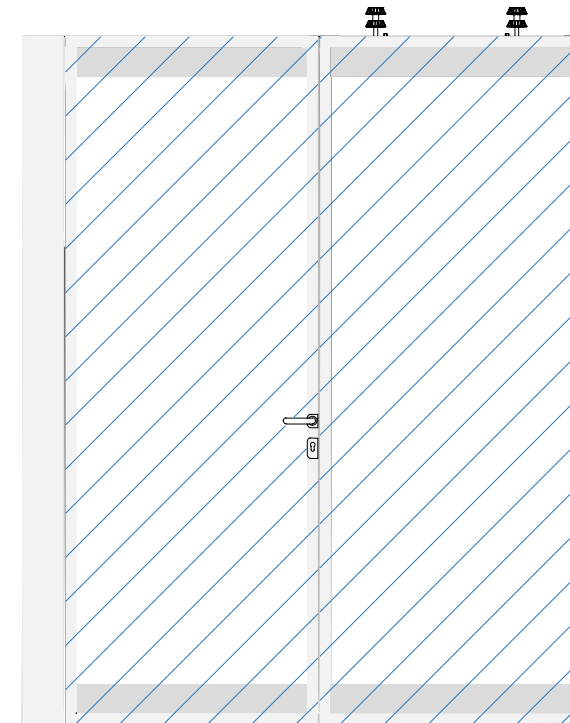
Optional Multiple Passdoors



STELLA PANELS
FULL-HEIGHT HINGED PASSDOOR



STELLA PANELS
FULL-HEIGHT HINGED PASSDOOR



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

Semi-Automatic	●
Full-Automatic	○

Suspension

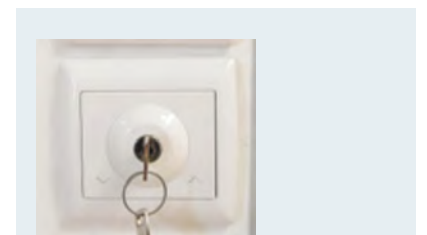
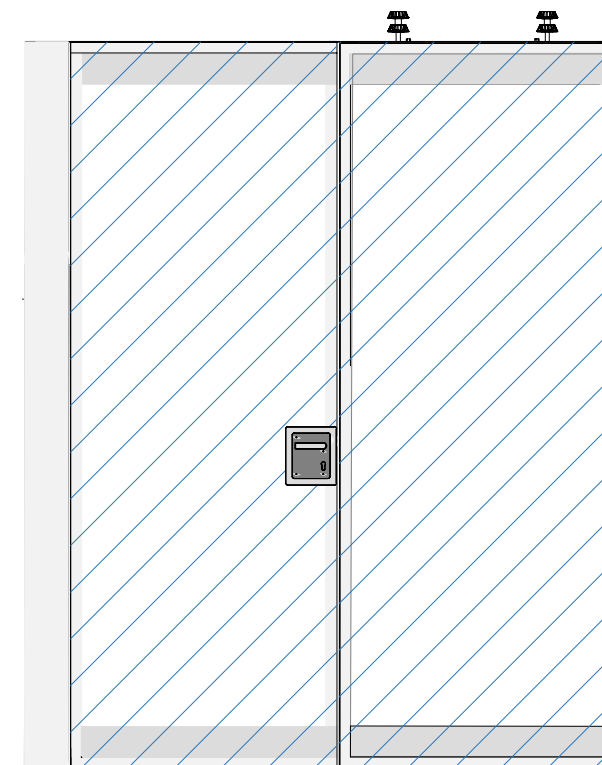
	Single Point Center/ Multi-Directional
--	--

Technical specifications

Per ISO 10140-2:2010 converted to ASTM E-90 standard*	STC (dB)	Weight (lbs/ft ²)
	44	8..00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option



SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.



FRAME & HANDLES

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured in Germany from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



HINGE SYSTEM

Our innovative concealed hinge allows full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.

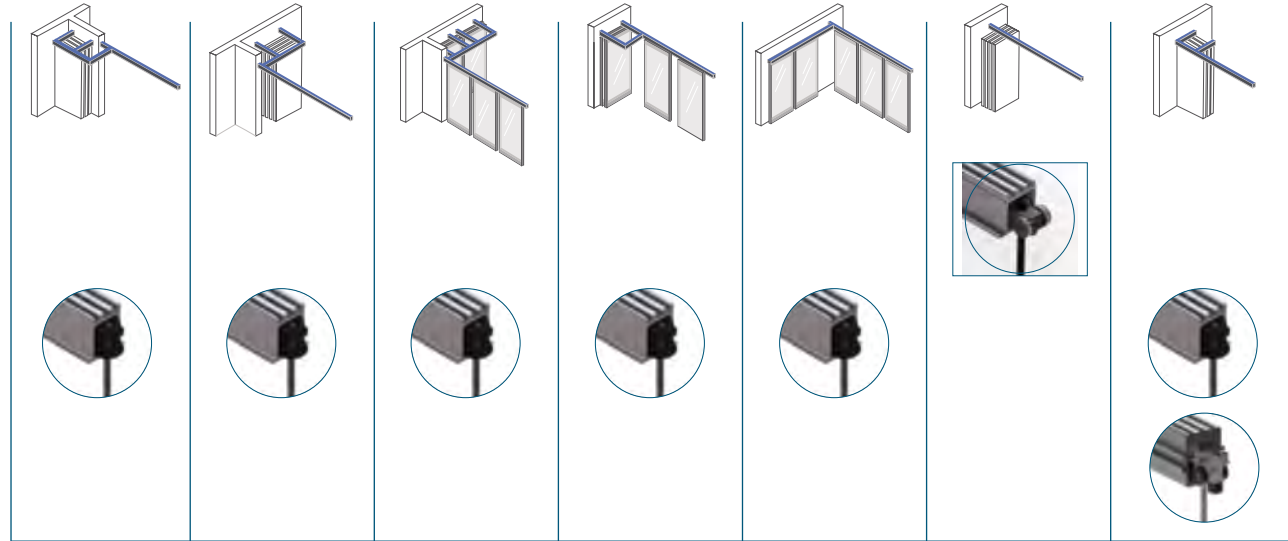


CONTROL DETAILS

Low voltage electrical contacts are housed in our proprietary concave/convex aluminum profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom, which extends automatically during the closing action of the door.

CEILING TRACK, SUSPENSION TYPES AND STACKING SYSTEMS

Stacking Systems



Ceiling Track

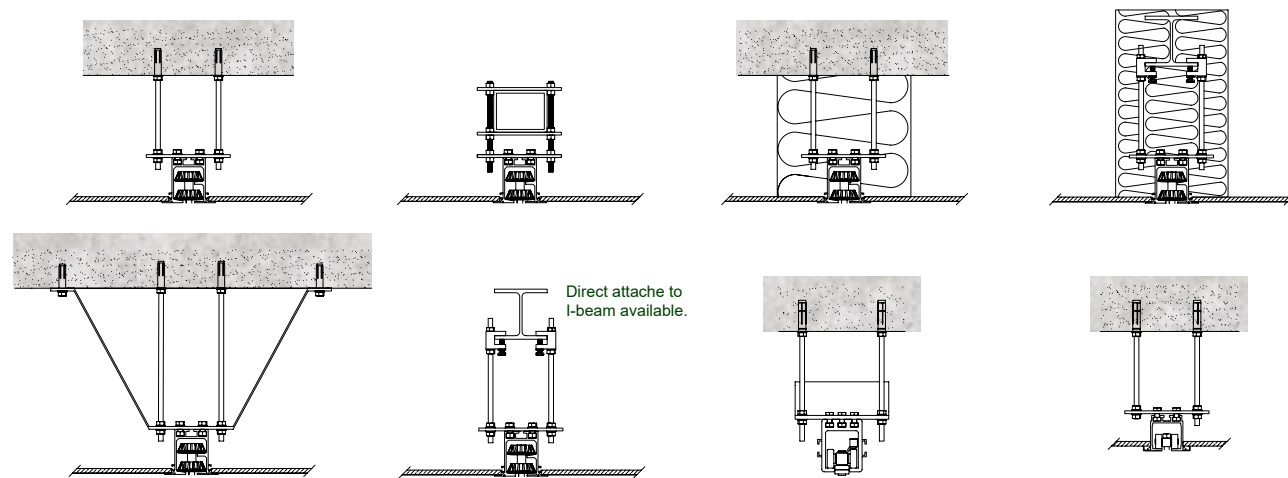
TRACK TYPE UD
Uni-Directional
Aluminum track profiles extruded from architectural grade 6063-T6 alloy. Load bearing capacity: 358Kg per panel.

TRACK TYPE MDS
Standard Multi-Directional
Aluminum track profiles extruded from architectural grade 6063-T6 alloy. Load bearing capacity: 453Kg per panel.

TRACK TYPE MDH
Heavy duty Multi-Directional
Aluminum track profiles extruded from architectural grade 6063-T6 alloy. Load bearing capacity: 850Kg per panel.



SUSPENSION TYPES



Back Painted Writing Surfaces



Full Coverage Back Painted Glass



Automatic Mini Blinds



Switchable Glass





Luminous

ILLONA™



Multi-Directional, Sliding &
Pivoting Glass Walls



ILLONA FLOOR GUIDED

A single glazed, sliding folding, continuously-hinged movable wall system with invisible hinges offering quick and convenient space division. ILLONA floor-guided systems are top supported and available with optional face muntins.



ILLONA Multi-Directional

Suspended independent twin suspension, individual panels without floor track. Manual floor lock/latch system.



ILLONA SLIDING DOOR

Sliding door with light and thin structure. Great solution for small spaces. "Soft close" operations for single or telescopic sliding doors.



ILLONA PIVOTING WALL

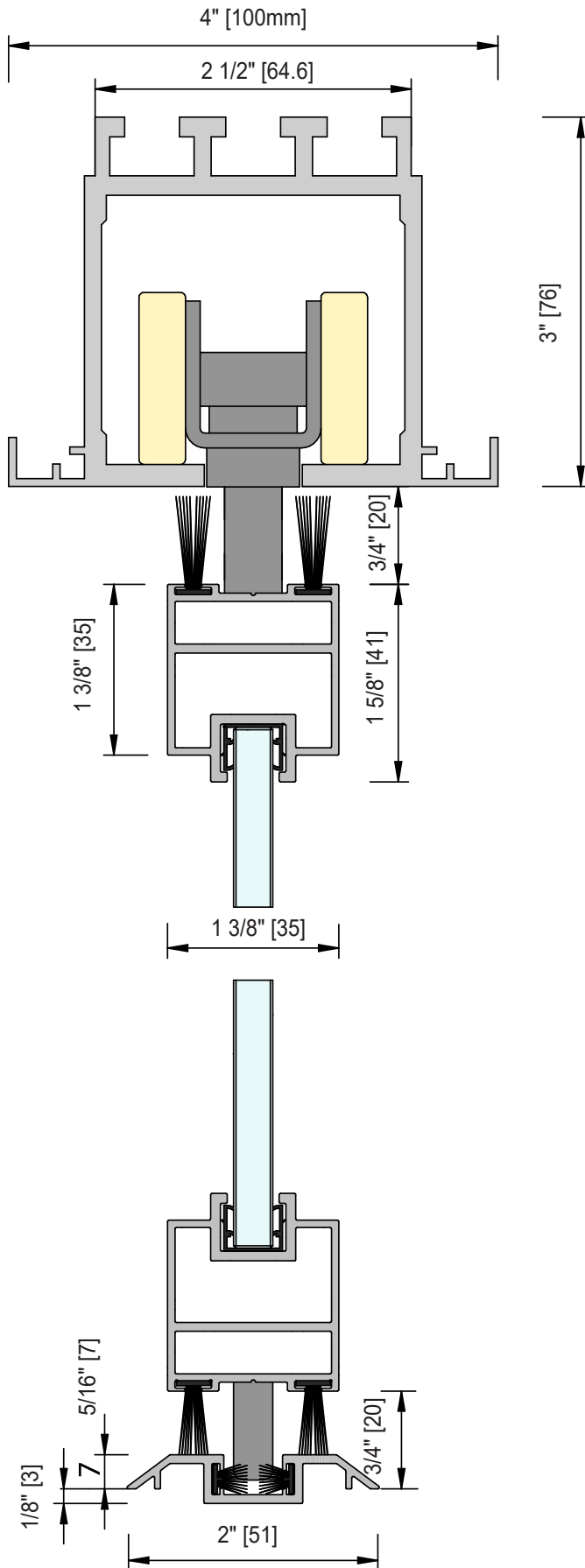
Single pivoting doors without floor track able to fully stack away with releasable top carrier and track system.



ILLONA FLOOR GUIDED

Light weight and fine style ILLONA top supported sliding folding movable wall systems are floor guided for ease of operation. Panels interconnect to form an useful acoustic separation with a full-height swing door.





Technical Information

Dimensions

Thickness	1 3/8" [35mm]
Height	1 5/8" [41]

Construction

Glass Thickness	1/4" [8] or 3/8" [10]
Connecting elements	Aluminum profiles

Operation

Manual

Acoustic Performance dB	≈ 35
Weights lbs/ft ²	5.2lbs (1/4") - 6.2lbs (3/8")
Maximum Wall Height	9'10" [3000]
Maximum Panel Width	47 1/4" [1200]
Panel Construction / Frame	Aluminum
Maximum Opening Width	Variable/Custom

Key-Points

Top supported and guided by the lower rail

Floor locking system

Hinged full height door included

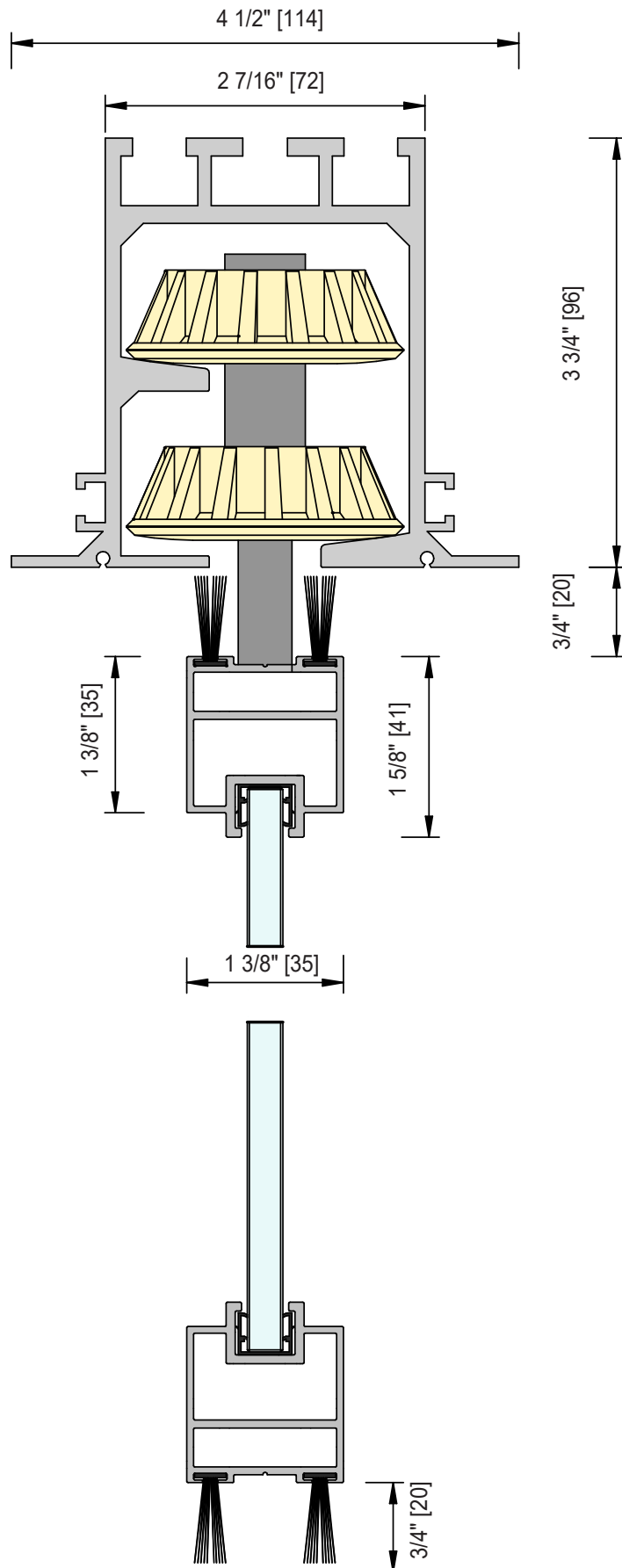
Invisible hinges



ILLONA MULTI-DIRECTIONAL

ILLONA movable walls are independent panels with twin carrier suspension. With no floor track the panels stack individually in parallel or remote parking bays. Each light-weight, single glazed panel lock in place with built-in, low-profile foot bolts. Narrow frames and matching face-applied muntins create a unique panel look and endless design possibilities.





Technical Information

Dimensions

Frame Thickness	1 3/8" [35]
Frame Height	1 5/8" [41]

Construction

Glass Thickness	1/4" [8] or 3/8" [10]
Connecting elements	Aluminum profiles

Operation

Manual

Acoustic Performance dB	≈ 35
Weight lbs/ft ²	5.25 (1/4") - 6.25 (3/8")
Maximum Wall Height	9' 10" [3000]
Maximum Panel Width	47 1/4" [1200]
Panel Construction / Frame	Aluminum
Maximum Opening Width	Variable/Custom

Key-Points

Independent panels can form different layouts with parallel and remote stacking

No Floor Tracks with integrated floor bolt

Quick opening

Hinged pass doors with invisible hinges

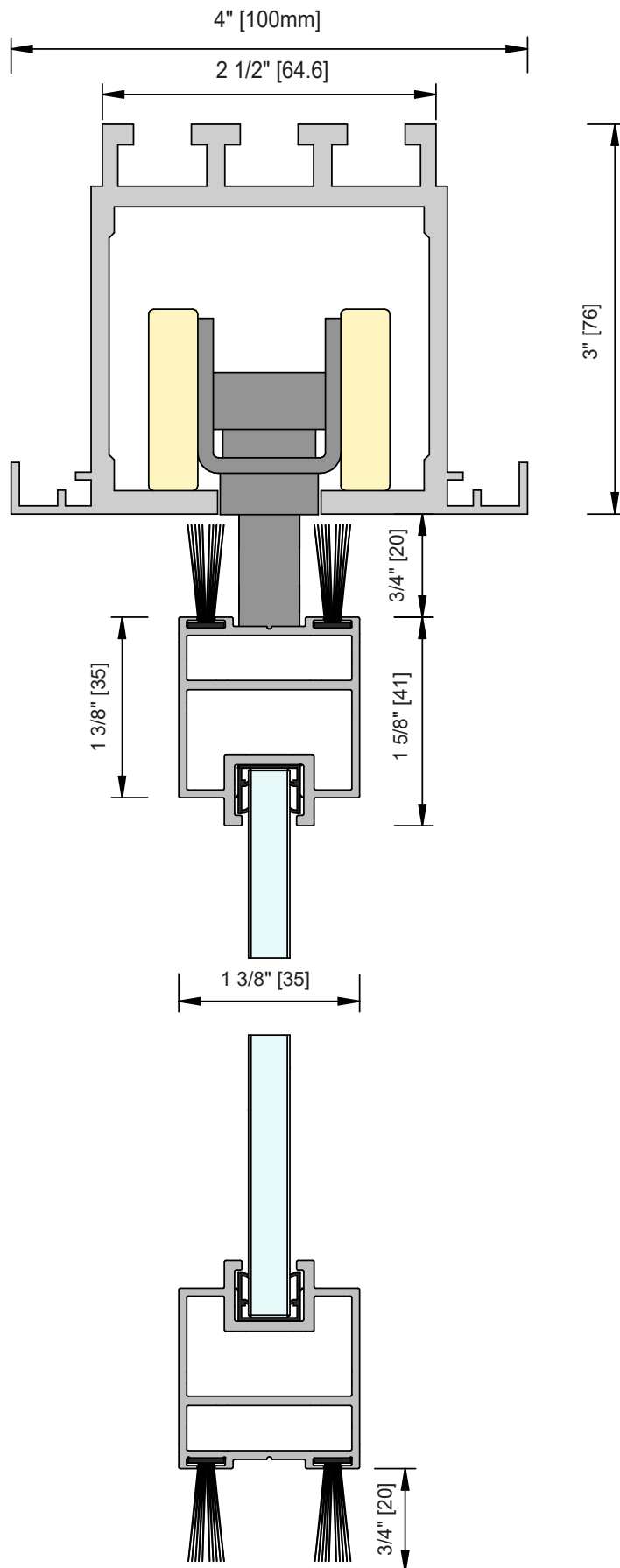
Black or RAL custom powder coated frames



ILLONA SLIDING DOOR

ILLONA sliding and telescopic sliding doors offer the most convenient configuration for quick and easy space division. Great aesthetics meet a practical functional solution for greater privacy meeting room or office privacy. Slide up to three panels across an opening or bi-parting stacks to be inside the room or within a wall.





Technical Information

Frame Dimensions

Thickness

Height 1 5/8" [41]

Construction

Glass Thickness 1/4" [8] or 3/8" [10]

Connecting elements Aluminum profiles

Operation

Manual

Acoustic Performance dB ≈ 35

Density lbs/ft² 5.25 (1/4") - 6.25 (3/8")

Maximum Wall Height 9' 10" [3000]

Maximum Panel Width 47 1/4" [1200]

Panel Construction / Frame Aluminum

Maximum Opening Width Variable/Custom

Key-Points

Single or Telescopic sliding with soft close action

Top supported system (single or bi-folding)

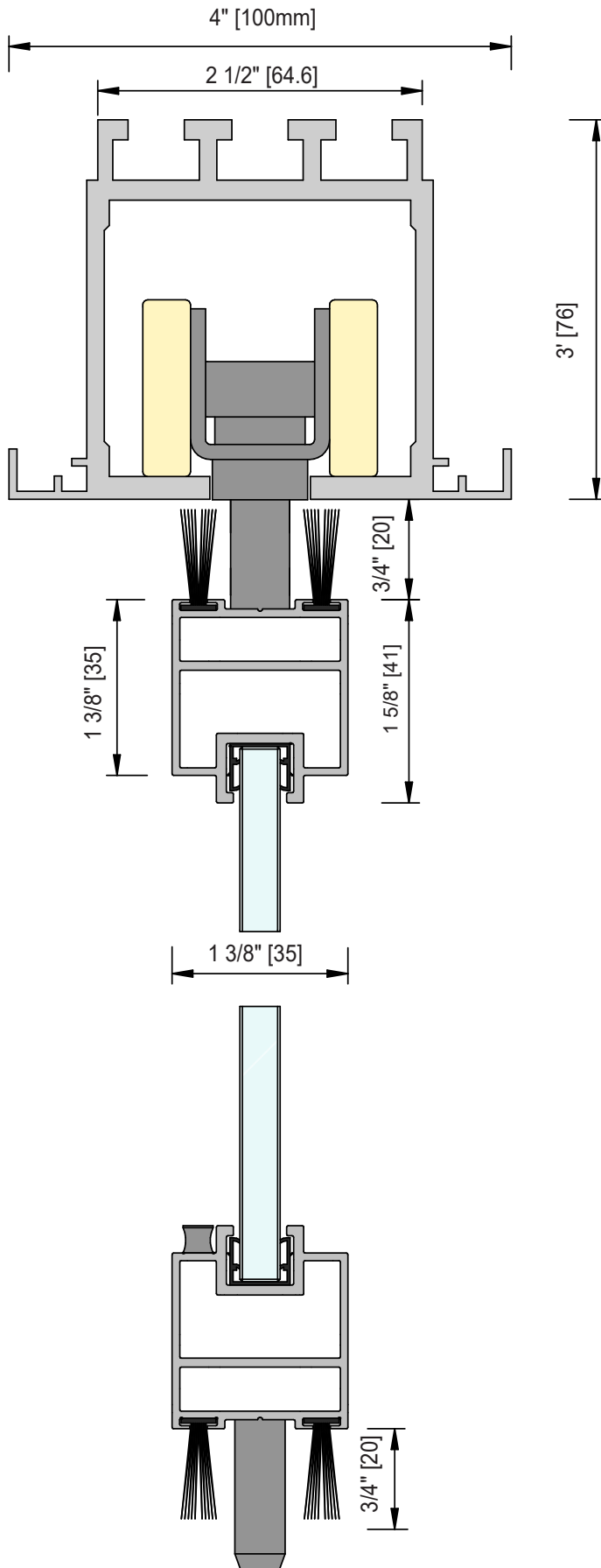
Sleek modern designs



ILLONA PIVOTING WALL

ILLONA pivoting and stacking walls have a single suspension point and floor receptor. Each panel is top supported and pivots open without the need for floor tracks. The ILLONA pivot panels' top carrier can be unlocked which allows the panels to be stacked providing open spaces when needed.





Technical Information

Frame Dimensions

Thickness	1 3/8" [35]
Height	1 5/8" [41]

Construction

Glass Thickness	1/4" [8] or 3/8" [10]
Connecting elements	Aluminum profiles

Operation

Manual

Acoustic Performance dB	≈ 35
Density lbs/ft ²	5.25 (1/4") - 6.25 (3/8")
Maximum Wall Height	9'10" [3000]
Maximum Panel Width	47 1/4" [1200]
Panel Construction / Frame	Aluminum
Maximum Opening Width	Variable/Custom

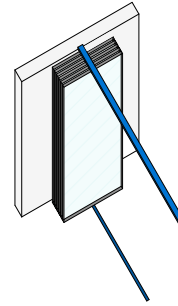
Key-Points

- Independent pivoting door panels
- Panel carriers unlock and can be stacked
- Center folding
- Thin profiles with optional face applied muntins
- Sleek, modern profiles for premium designs

Stacking Systems

ILLONA - Floor Guided

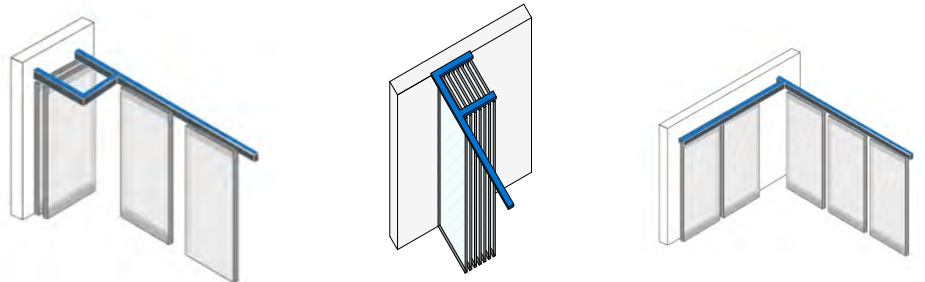
Celling Track	Monodirectional
Floor Track	Yes



Sliding Folding

ILLONA - Multi-Directional

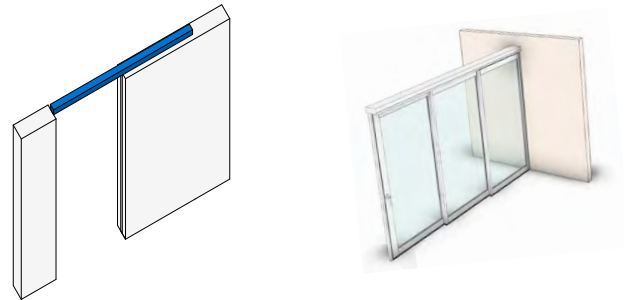
Celling Track	Multidirectional
Floor Track	No



Multi-Directional Stack

ILLONA - Sliding Door

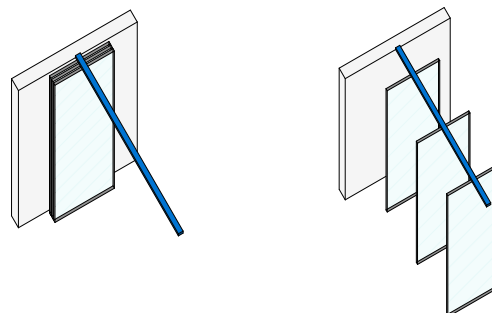
Celling Track	Monodirectional
Floor Track	No



Sliding Single and Telescopic

ILLONA - Pivoting Wall

Celling Track	Monodirectional
Floor Track	No



Pivoting and Stacking Suspension

Technical Details



ILLONA Swing Door

ILLONA walls may include a single / double door or a hinged full height door. The single door at the lead of the system and can be double doors with bi-parting configurations.



Floor Guide Track

The floor track stabilizes the opening and closing of the partition. The guide track discreetly integrates with floor coverings creating a functional and aesthetic ADA compliant transition.



Invisible Hinges

ILLONA hinges are uniquely hidden. When the wall is closed no elements are visible on the vertical style of the frame. This clean design provides a unique design feature not typically found from other low profile movable glass wall systems.



Floor Bolt System

ILLONA is provided with integrated floor bolts that lock either into the floor guides or into dust-covered floor strikes. Engage a discreet manual locking system on the panel's bottom rail to provide stability and security within the room.

Finishes

Glass

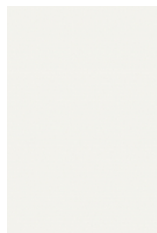


1/4" [8] or 3/18" [10]

Lacquering

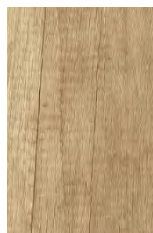


RAL 9005 - JET BLACK



RAL 9010 - PURE WHITE

Special Lacquering



NATURAL NEBRASKA OAK

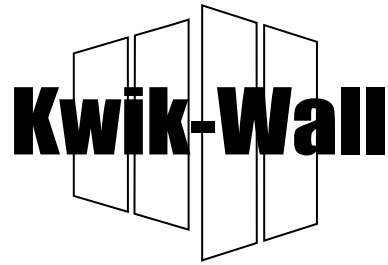


NATURAL DIJON WALNUT

Note: Other RAL color profile finishes available.







AVA TRIMLESS

TECHNICAL DATA

Individual Panels/Multi-Directional

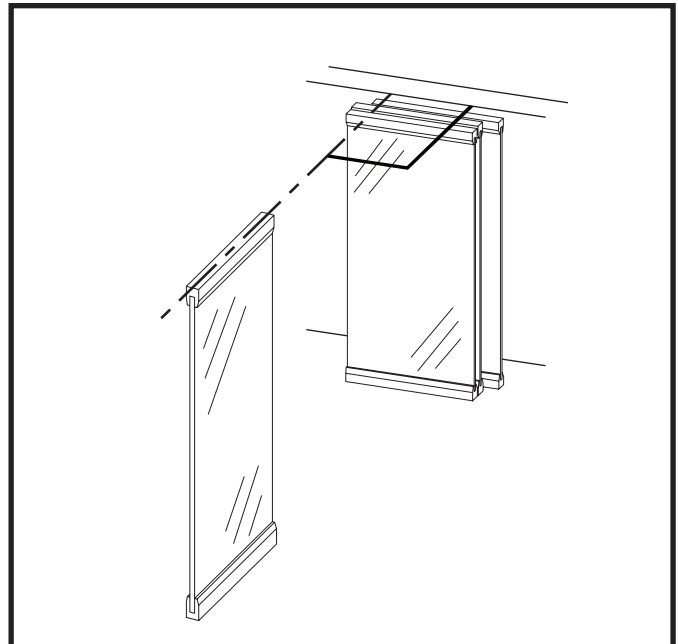
KWIK-WALL... One Source for Wall Systems.

KWIK-WALL's Ava Series - Glass wall systems answer the challenge for space division needs. This system ensures you can quickly and easily provide complete solutions for space division needs in hotels, churches, schools, airports, residential layouts, shopping centers, sports arenas, and office buildings. Years of continuing research and development have produced many outstanding features.

KWIK-WALL's Ava - Trimless model offers maximum versatility in sliding and stacking arrangements, utilizing individually operated panels with a track system that can provide 90°, "X", "L", and "T" intersections for nearly unlimited layout possibilities. The Ava - Trimless combines the elegant horizontal top and bottom glass retainer, used in other Clear-Divisions models with the multi-directional Type 425 Track and carrier system.

FEATURES

- Elegant top-fixed suspension and glass retainer
- One (1) standard and four (4) optional glass finish styles
- Multiple stacking arrangements
- Secure locking system





1.01 WORK INCLUDED

- A. Moveable glass wall system shall be furnished, installed, and serviced by KWIK-WALL's authorized distributor, in compliance with the architectural drawings and specifications contained herein.

1.02 RELATED WORK

- A. Structural Support: Structural support system required for suspending the moveable glass wall shall be designed, installed, and pre-punched by others, in accordance with ASTM E 557 and KWIK-WALL's shop drawings.
- B. Opening Preparation: Proper and complete preparation of the moveable glass wall system opening shall be by others in accordance with ASTM E 557, and shall include floor leveling; plumbness of adjoining permanent walls; substrate and / or ceiling tile enclosures for the track system; and the painting and finishing of trim and other materials adjoining the head and jamb areas of the moveable glass wall. Refer to a copy of the shop drawings for additional details.

1.03 SYSTEM DESCRIPTION

- A. The moveable glass wall system shall consist of Individual Panels that are top supported by two (2) multi-directional carriers that are capable of negotiating 90°, "X", "L", and "T" intersections.
- B. The moveable glass wall system shall consist of nominal 3/8" [10] or 1/2" [12.7] thick tempered glass panels suspended from a continuous aluminum glass retainer located at the top and bottom of each panel.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who is certified in writing by KWIK-WALL as qualified to install KWIK-WALL's systems for work similar in material, design, and extent to that indicated for this project.
- B. The moveable glass wall panel shall utilize clear tempered glass per ASTM C 1048-04.
- C. The moveable glass wall shall be installed by KWIK-WALL's authorized distributor in accordance with ASTM E 557.
- D. The glass wall panel construction and finish materials shall consist of Class A rated materials in accordance with ASTM E 84.

1.05 REFERENCES

- A. ASTM C 1036-01: Standard Specification for Flat Glass.
- B. ASTM C 1048-04: Standard Specification for Heat Treated Flat Glass.
- C. ASTM E 557: Architectural Application and Installation of Operable Partitions.
- D. ASTM C 1172-03: Standard specifications for laminated architectural flat glass.

1.06 SUBMITTALS

- A. KWIK-WALL shall provide written technical information and related detail drawings, which demonstrate that products comply with contract documents for each type of moveable glass wall system specified.
- B. KWIK-WALL shall provide detailed engineering drawings featuring track plan, panel elevation, horizontal and vertical details and beam punching template as required.

1.07 DELIVERY, STORAGE AND HANDLING

- A. Panels shall be shipped in a completely enclosed wooden crate with high-density polystyrene blocks positioned between each panel to protect glass and hardware during delivery, storage and handling.
- B. Panels shall be stored on edge and above the floor on cushioned blocking in a dry and ventilated area, protected from humidity and temperature extremes.

1.08 SEQUENCING / SCHEDULING

- A. Beam Punching: KWIK-WALL shall provide beam punching template drawing detailing the anchor locations for the suspended track system for Drop Rod Mounting, as required for the fabrication and installation of structural overhead support by others.
- B. Track Installation: Scheduling of moveable glass wall track installation shall occur after structural overhead support has been properly and completely fabricated and installed by others.
- C. Panel Installation: Moveable glass wall panel installation shall occur after fixed wall substrate construction is properly and completely installed by others, as required to protect panels from ongoing adjacent construction.

1.09 WARRANTY

- A. KWIK-WALL shall warrant each moveable glass wall system and its hardware components to be free from defects in material and workmanship for a period of five (5) years from the date of delivery to the original purchaser, when installed by an authorized KWIK-WALL distributor. (Glass is specifically excluded from the warranty.)



2.01 ACCEPTABLE MANUFACTURER

A. Moveable glass walls shall be AVA - TRIMLESS Individual panels as manufactured by KWIK-WALL.

2.02 PANEL CONSTRUCTION

A. Panel Dimensions: Standard panel dimension shall be a nominal $1\frac{13}{32}$ " [36] thick.

B. Horizontal Top and Bottom Rails: Top and bottom rails shall be continuous one-piece extrusion manufactured of structural grade aluminum with removable end caps.

Rails shall utilize a cam lock feature to provide positive mechanical attachment to glass. (Passive friction type or adhesive applied rails shall not be allowed for safety reasons.)

C. Bottom Rail Locking System: Each bottom rail glass retainer shall contain (select):

1. Standard Operable Floor Lock: consisting of a face activated lever located on one (1) side of the panel connected to a floor lock that engages a recessed spring loaded dust-proof strike to provide stability and security when the moveable glass wall system is setup in the extended position. Intermediate panels shall have horizontal interconnecting foot-operated lock or centering pin for additional stability and security.
2. Optional Keyed / Thumb Turn Lock: consisting of key operated cylinders on both sides or key operation on one (1) side and thumb turn operation on opposite side.
3. Optional Thumbturn: Consisting of an operable floor lock operated by a thumb turn that engages a recessed spring loaded dust-proof strike to provide stability and security when the moveable glass wall system is extended.

D. Glass: Panels shall be glazed with $\frac{3}{8}$ " [10] or $\frac{1}{2}$ " [12.7] tempered glass that is manufactured in accordance with ASTM C 1036-01, ASTM C 1048-04, and ANSI Z97.1. Glass finish shall be (select):

1. Standard Clear: consisting of clear tempered glass (select):
 - a. $\frac{3}{8}$ " [10] thick glass for Panel Heights up to 9'-0" (2.74 m).
 - b. $\frac{1}{2}$ " [12.7] thick glass for Panel Heights up to 10'-0" (3.05 m).
2. Optional Smoked Bronze, Smoked Gray, Smoked Green, Smoked White or Clear Satin Etched: consisting of tinted laminated glass (select):
 - a. $\frac{3}{8}$ " [10] thick glass for Panel Heights up to 9'-0" (2.74 m).
 - b. $\frac{1}{2}$ " [12.7] thick glass for Panel Heights up to 10'-0" (3.05 m).
3. Optional Clear Satin Etched: consisting of translucent tempered or laminated glass (select):
 - a. $\frac{3}{8}$ " [10] thick glass for Panel Heights up to 9'-0" (2.74 m).
 - b. $\frac{1}{2}$ " [12.7] thick glass for Panel Heights up to 10'-0" (3.05 m).
4. Optional Decorated or Patterned: consisting of $\frac{3}{8}$ " [10] tempered glass decorated or patterned as selected by designer. (Maximum Panel Height 9'-0" (2.74 m)).

E. Panel Weight: Maximum panel weight shall not exceed 330 lb. (150 kg) calculated at 7.35 lb. / ft.² (36 kg / m²).

2.03 OPERATION

A. Operation shall be Individual Panels with a Multi-Directional track system, that allows the panels to negotiate 90°, "X", "L", and "T" intersections as required for movement of panels from storage location(s) to various installed positions. Panels shall be top supported by two (2) carriers featuring dual horizontal precision bearings with high strength polymer tires riding on a structural aluminum track.

2.04 STACK ARRANGEMENTS

A. Stack Type: Panel storage configuration shall be (select):

1. Standard Perpendicular Stack: consisting of panels stacking at a 90° angle perpendicular to the wall's installed position.
2. Optional Parallel Stack: consisting of panels stacking parallel to the wall's installed position.

Note: Parallel stacking configuration may not be possible in every application. Due to minimum stacking / pocket clearances required, prior approval of the parallel stacking configuration shall be approved by KWIK-WALL.

3. Optional Remote Stack: consisting of panels located remotely from the wall's installed position, as shown on the submitted shop drawings.

B. Stack Quantity: Panels shall be stored in designated stack area as required for panel storage.

2.05 FINISHES

A. Hardware Finish: Panel hardware including horizontal rails shall be finished of (select):

1. Standard Finish: Clear Anodized Aluminum.
2. Optional Finish: Powder Coated Paint to any standard RAL color

B. Pull Handle Finish: Handle finish shall be (select):

1. Standard Finish: consisting of Stainless Steel Satin Effect finish.
2. Optional Finish: consisting of Pull Handle to match Hardware Finish selection (as close as possible).

2.06 PERIMETER TRIM AND SEALS

A. Trim and Seals shall consist of (select):

1. Standard Trimless: consisting of $\frac{3}{8}$ " [10] or $\frac{1}{2}$ " [12.7] tempered glass with a sanded / beveled edge, resulting in a minimal groove appearance between adjacent glass panels.
2. Optional Vertical Protective Edge Trim: consisting of $\frac{3}{8}$ " [10] or $\frac{1}{2}$ " [12.7] tempered glass with a sanded / beveled edge utilizing a full vertical transparent protective edge trim encapsulating the edge of the glass.
3. Optional Vertical Protective Edge Trim with Brush Seal: consisting of $\frac{3}{8}$ " [10] or $\frac{1}{2}$ " [12.7] tempered glass with a sanded / beveled edge utilizing a full vertical transparent protective edge trim with light grey nylon brush seals to encapsulate the edge of the glass.
4. Standard Top Seals: consisting of continuous contact black nylon brush seals provided on both sides of each panel.
5. Optional Bottom Seal: consisting of continuous contact black nylon brush seals provided on both sides of each panel.

2.07 CLOSURE SYSTEMS

- A. Initial Closure System: The lead panel (the first panel exiting the stack) shall intersect vertically against a rigid wall surface utilizing a face-activated foot lock with dust-proof strike recessed in floor, as accomplished by a lead panel that does not use any vertical jamb to affect initial closure. Trail edge of lead panel shall contain a foot-operated floor lock.
- B. Final Closure System: The final closure panel (the last panel at the stack end) shall provide a method for affecting final closure of the moveable glass wall system. The type of final closure panel shall be (select):

1. Standard Fixed Pivot Panel Closure: consisting of a panel utilizing top and bottom pivots that allows the panel to pivot 90° in both directions and be used to affect final closure, and provides access thru the moveable glass wall system when it is setup in the extended position.

Note: Pivot Panel may not be required. Consult your KWIK-WALL representative for proper configuration. See page 7 for details.

2. Optional Fixed Swing Panel Closure: consisting of a panel utilizing top pivot and bottom pivot that engages with a self-closing unit containing a hold-open feature that is recessed flush into the floor allowing the panel to pivot 90° in both directions and be used to affect the final closure, and provides access thru the moveable glass wall system when it is setup in the extended position.
3. Optional Pocket Door(s): (see "Glass Wall Pocket Door" brochure for complete details and specifications).

2.08 PANEL ACCESSORIES

A. Accessories including Sliding Pivot Panel, Sliding Swing Panel, shall be compatible with other accessories and options, furnished by KWIK-WALL as noted on submitted shop drawings.

1. Sliding Pivot Panel: consisting of a panel that is moved into position and utilizes a top and bottom pivot that allows the panel to pivot 90° in both directions and be used to provide access thru the moveable glass wall system when it is setup in the extended position. Both sides of the panel shall contain a pull handle. (Refer to Part 2.05 "B. Pull Handle Finish").
2. Sliding Swing Panel: consisting of a panel that is moved into position and utilizes a top pivot and bottom pivot that engages with a self-closing unit containing a hold-open feature that is recessed flush into the floor allowing the panel to swing 90° in both directions and be used to provide access thru the moveable glass wall system when it is setup in the extended position. Both sides of the panel shall contain a pull handle. (Refer to Part 2.05 "B. Pull Handle Finish").

2.09 TRACK SYSTEM

- A. The AVA TRIMLESS operable wall track system shall be extruded from structural aluminum alloy, which prohibits deterioration caused by rust or corrosion. The aluminum track shall have a durable anodized clear satin finish, which resists color fading and flaking. The track shall utilize grooves and interlocking steel pins for positive alignment of adjacent track sections. The track joints shall be reinforced overhead by a heavy-duty steel bracket made of hot-rolled, $\frac{3}{8}$ " [10] thick plate steel. Aluminum track shall include an integral nut slot to accept a hardened steel square nut to facilitate attachment of each threaded steel all-rod and splice brackets to the overhead structural support.
- B. Track Size: The track size shall be Type 425 Multi-Directional Aluminum Track: certified to be capable of supporting up to 425 lbs. (193 kg) of total live load weight per panel.

2.10 CARRIER SYSTEMS

- A. Carrier Type: Each individual panel shall be top supported by two (2) carriers utilizing a $\frac{5}{8}$ " [16] diameter pendant bolt. Each carrier shall consist of dual horizontal, permanently-lubricated, precision ground steel bearings with high strength polymer tires as required for smooth and quiet operation. Multi-Directional carriers shall be capable of negotiating 90°, "X", "L", and "T" intersections. As required for moving panels from storage location(s) to various installed positions.
- B. Carrier Size: The carrier size shall be:
1. Type 425 Multi-Directional Carrier: certified to be capable of supporting up to 425 lbs. (193 kg) of total live load weight per panel



3.01 INSPECTION

- A. Proper and complete preparation of the moveable glass wall system opening shall be by others in accordance with the architectural drawings, KWIK-WALL's shop drawings and ASTM E 557. Any deviation of the actual opening from these specifications shall be called to the attention of the architect prior to the installation of the operable wall.
- B. Deficiencies in the moveable glass wall opening shall be corrected by others prior to installation of the moveable glass wall system.

3.02 INSTALLATION

- A. The moveable glass wall system shall be installed by KWIK-WALL's authorized distributor.
- B. The moveable glass wall shall be installed in accordance with KWIK-WALL's written instructions, shop drawings and ASTM E 557 installation guidelines.

3.03 ADJUSTING AND CLEANING

- A. The moveable glass wall panels and track system shall be adjusted and cleaned in accordance with KWIK-WALL's written instructions.

3.04 PROTECTION

- A. The moveable glass wall panels shall be stored in the stacked (retracted) position prior to acceptance by the owner's representative.

3.05 DEMONSTRATION

- A. KWIK-WALL's authorized distributor shall demonstrate proper operation and explain proper and necessary maintenance requirements of the moveable glass wall system to the owner's representative.

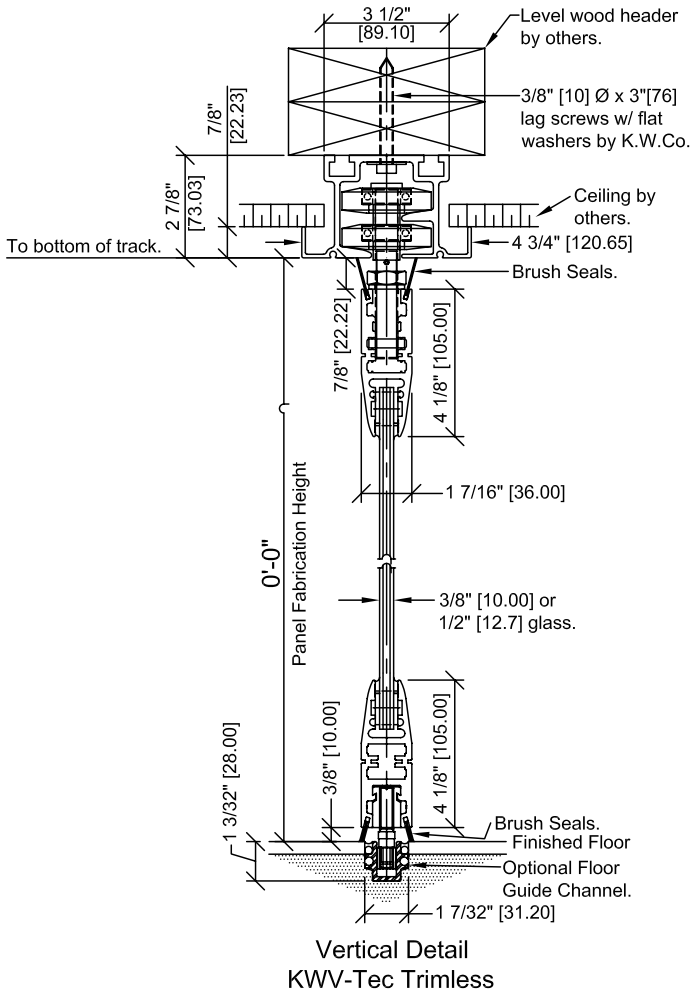
AVA - TRIMLESS PRODUCT SELECTION GUIDE

Model	Operation	Stack Arrangements	Glass	Perimeter Trim and Seals	Final Closure Options	Maximum Panel Height	Maximum Wall Width
AVA Trimless	Individual Panels	Standard: Perpendicular Optional: Parallel or Remote Stack	Standard: Clear Optional: Etched, Smoked, Decorated, Patterned or Berman editions	Standard: Trimless Optional: Protective Edge	**Standard: Fixed Pivot Panel Optional: Fixed Swing Panel	*10' - 6" (3.20 m)	Unlimited

*Maximum panel height for Berman editions glass = 10'-0" (3.05 m).

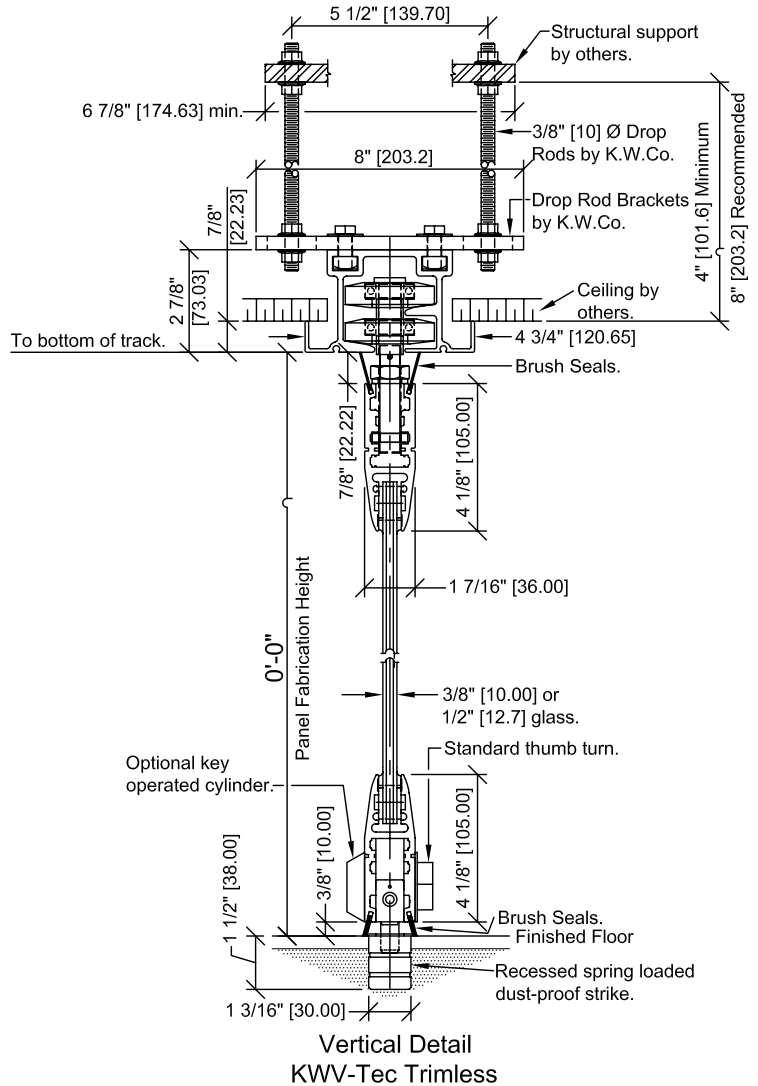
**Pivot Panel may not be required. Consult your KWIK-WALL representative for proper configuration.

425 Multi-Directional Aluminum Track

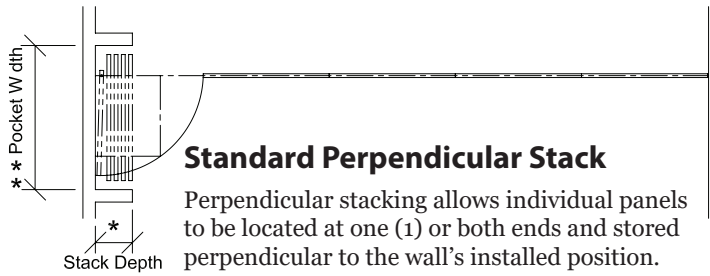


**Direct Mount with Floor Guide Channel
AVA Trimless**

425 Multi-Directional Aluminum Track

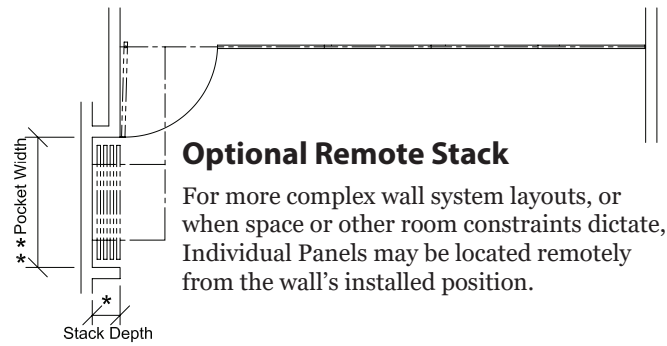


**Drop Rod Bracket Mount
AVA Trimless**



Standard Perpendicular Stack

Perpendicular stacking allows individual panels to be located at one (1) or both ends and stored perpendicular to the wall's installed position.



Optional Remote Stack

For more complex wall system layouts, or when space or other room constraints dictate, Individual Panels may be located remotely from the wall's installed position.



Optional Parallel Stack

In contrast to perpendicular stacking, Individual Panel arrangements may also be stored parallel to the wall's installed position, at one (1) or both ends.



Optional Perpendicular Stack - Non-Pivot

Note: Parallel stacking configuration may not be possible in every application. Due to minimum stacking / pocket clearances required. Prior approval of the parallel stacking configuration shall be approved by KWIK-WALL.

Stack Depth*

The overall depth of the stack area, as required for panel storage, is dictated by the total number of panels in the wall system. KWIK-WALL's KWV-Tec - Trimmed panels require an average stack depth of 2¾" [70] per panel. To determine the stack depth, calculate as follows:

Number of Panels x 2¾" [70] + ¾" [18]

*Note: Additional stack depth is required for wall systems containing the following type of panels:

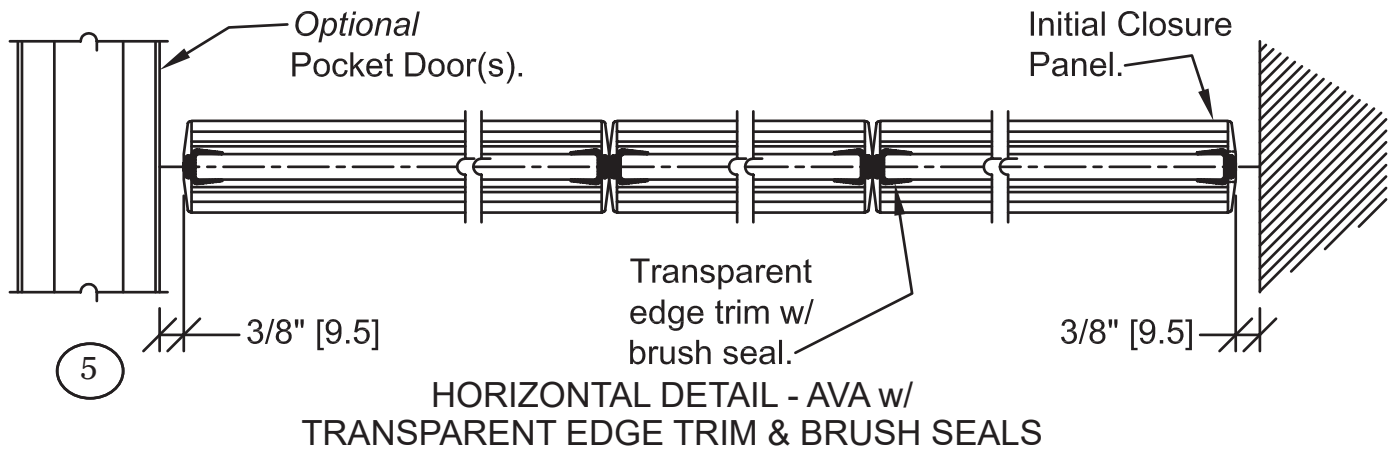
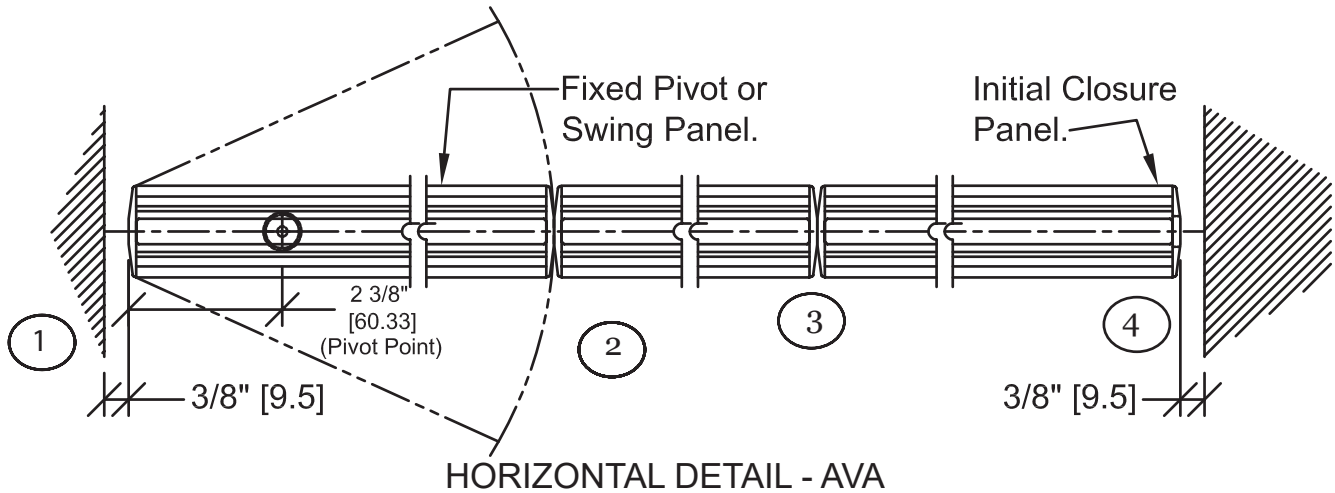
- Handle: 3½" [89]
- Pivot Panel(s) Closure: 2¾" [60]
- Pocket Door(s): 6" [152]

**For wall systems that include Pocket Doors, please reference KWIK-WALL's "Variotec" brochure for pocket layout dimensions and applications.

Pocket Width**

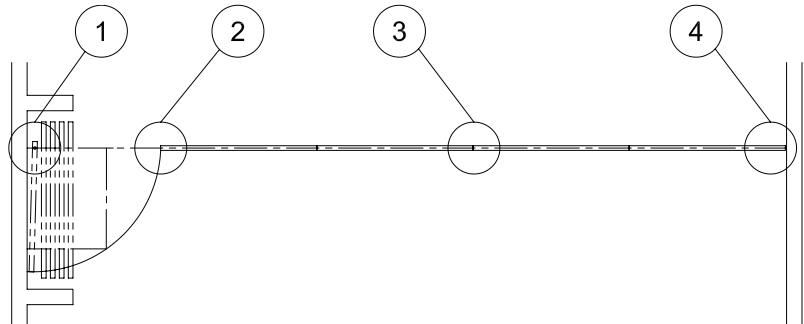
The width of the pocket is determined by the widest panel in the wall run. For specification purposes, assume the widest panel is 4'-0" (122 cm) maximum. Pocket width may be calculated as follows:

Panel Width + 7" [178]
(allows 3½" [89] for hand clearance on each side)



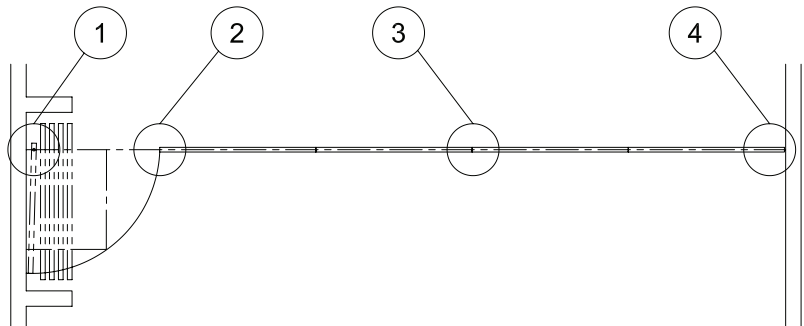
Standard Fixed Pivot Panel

Consisting of a panel utilizing top and bottom pivots that allows the panel to pivot 90° in both directions. Provides access thru the wall system when setup is in extended position.



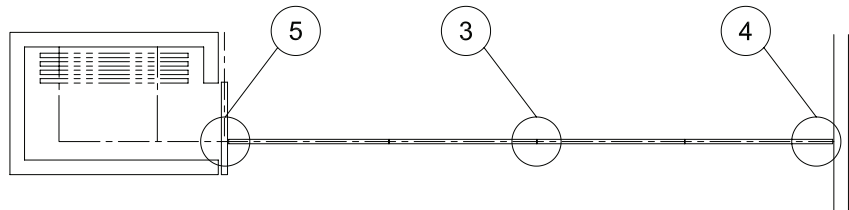
Optional Fixed Swing Panel

Consisting of a panel utilizing top and bottom pivots that engages with a self-closing unit containing a hold open feature allowing the panel to pivot 90° in both directions. Provides access thru the wall system when setup is in extended position.



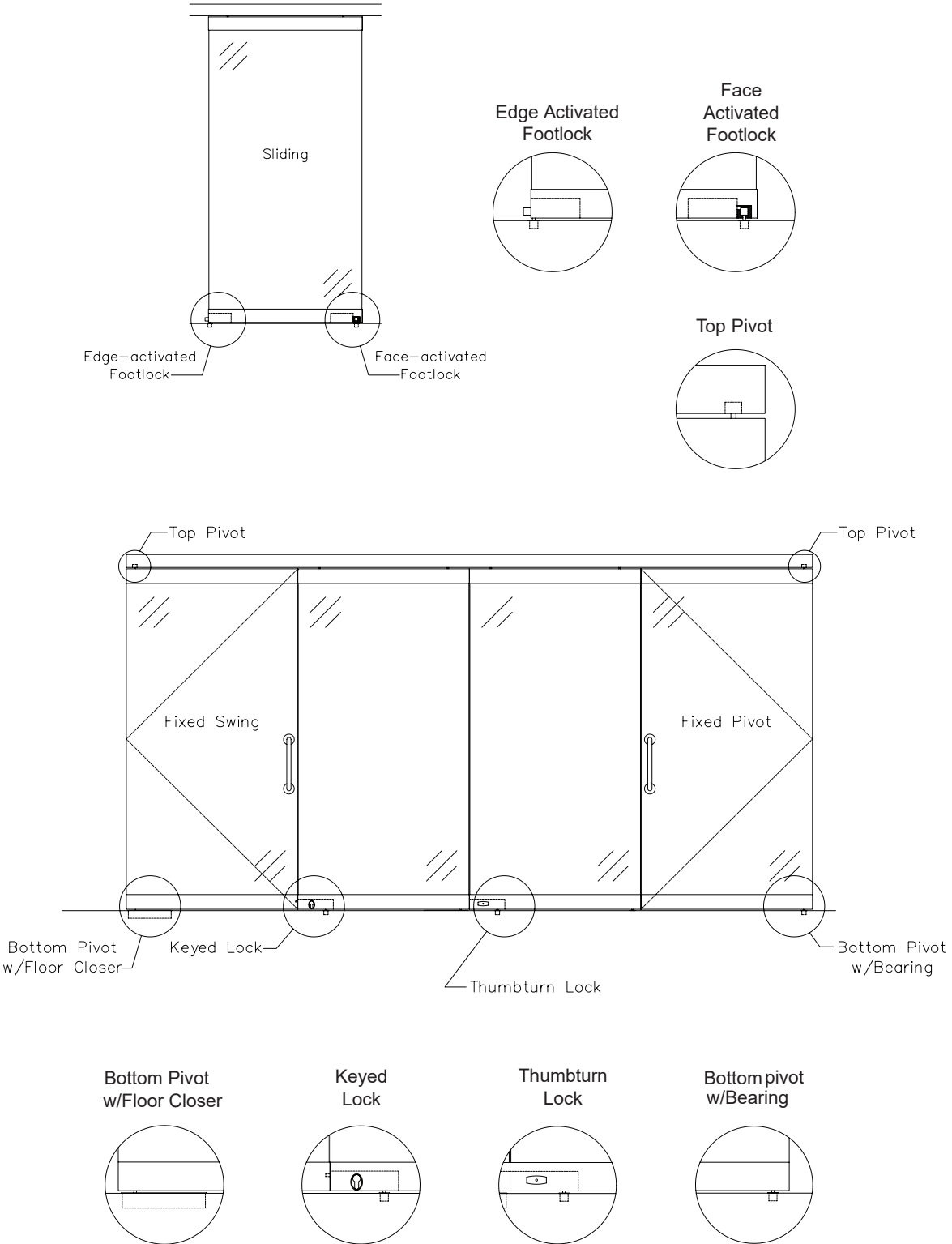
Optional Single Sliding Pocket Door

Consisting of a single panel suspended by two (2) carriers traveling in an overhead track system. Bottom of panel shall contain a Door Guide attached to the floor to stabilize the panel. Panel shall contain a flush pull handle on both sides.



1. Pivot Door/Swing Door
2. Pivot meets Sliding Door
3. Typical Joint
4. Initial Closure Panel
5. Pocket Door

Horizontal details for numbers 1 through 5 can be found on page 8

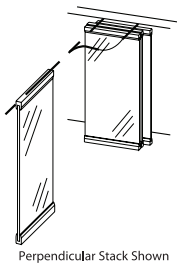


KWIK-WALL Offers a full complement of accessories for customizing any glass wall system to meet the specific needs of the most demanding project.

If you don't see the style or options and accessories you are looking for, KWIK-WALL has many other styles of Operable Glass Walls to bring you the solution to your space division needs.

This Product Selection Guide will step you through the various features of each model. Product stack arrangements and details show the more common elements for each model.

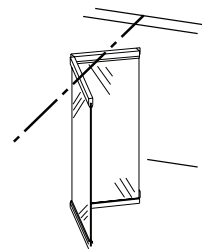
PRODUCT FEATURES							
Model	Pivot Door	Sliding Pivot Panel	Sliding Swing Panel	Color Options	Trimmed Vertical Edge	Trimless Vertical Edge	Lock Options
Variotec Trimless	✓	✓	✓	✓		✓	✓
Variotec Trimmed	✓			✓	✓		✓
AVA Trimless	✓	✓	✓	✓		✓	✓
AVA Trimmed	✓			✓	✓		✓
AVA-Folding	✓			✓		✓	✓
AVA Trimmed Acoustical	✓			✓	✓		✓



Perpendicular Stack Shown

Individual Panels - Perpendicular, Parallel, Remote or Custom Stack (Variotec, & AVA)

Individual Panels are top supported by two (2) carriers that operate in the track system that allows panels to move and turn effortlessly through radius intersections that are engineered for heavy glass panels. The versatility of stack arrangements includes Perpendicular Stack, Parallel Stack, Remote or Custom Stack.



Hinged Pairs Center Stack (AVA-Fold)

Hinged Pairs Panels are panels hinged together in groups of two (2), unless otherwise specified. Panels are top-supported by one (1) carrier in each panel. The Center Stack arrangement provides panel storage at one or both ends of the wall's installed position.

KWIK-WALL Company warrants each glass wall and its component parts to be free from defects in material and workmanship for a period of five (5) years from date of delivery to the original purchaser, when installed by an authorized KWIK-WALL distributor. KWIK-WALL Company reserves the right to have authorized personnel inspect any part alleged to be defective and to refuse any returned material unless the return was previously authorized by KWIK-WALL. (Glass is specifically excluded from the warranty.)

This warranty does not apply to any damage or deterioration caused by abuse or failure to provide reasonable and necessary maintenance. All field applied finishes, accessories or product modifications are specifically excluded under this warranty. KWIK-WALL's liability hereunder is limited to the replacement of any partition or component part found to be defective. Labor charges are the responsibility of the customer.

KWIK-WALL SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY ARE HEREBY EXPRESSLY EXCLUDED.

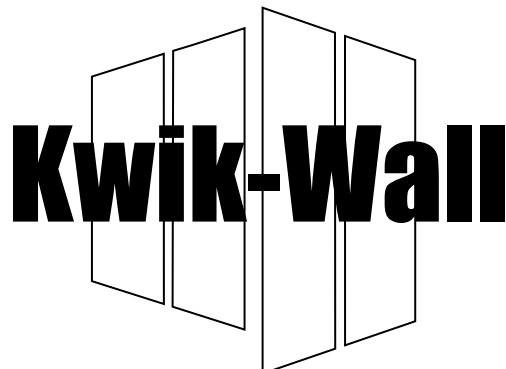
Some states do not allow the exclusion or limitation of consequential or incidental damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state

Note:

Due to ongoing research and development, some variation may occur in product specifications and design. Please refer to your actual KWIK-WALL shop drawing(s) for exact product dimensions and specifications.

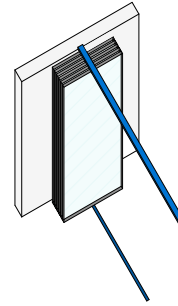
Distributed By:



Stacking Systems

ILLONA - Floor Guided

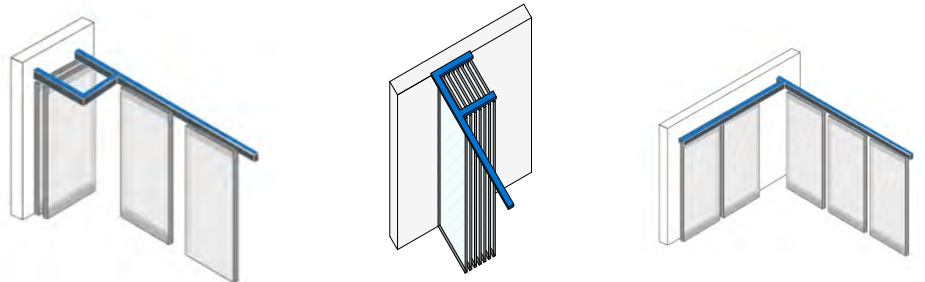
Celling Track	Monodirectional
Floor Track	Yes



Sliding Folding

ILLONA - Multi-Directional

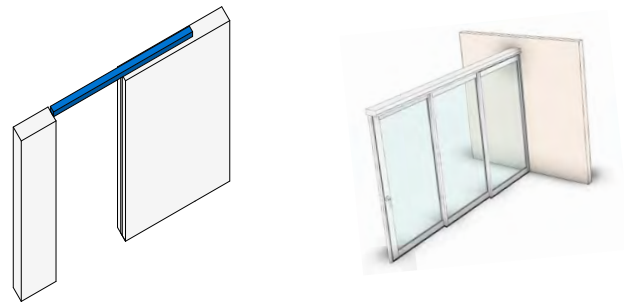
Celling Track	Multidirectional
Floor Track	No



Multi-Directional Stack

ILLONA - Sliding Door

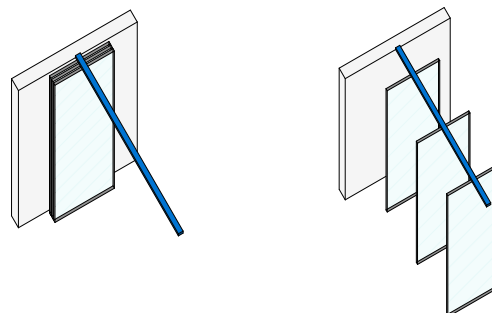
Celling Track	Monodirectional
Floor Track	No



Sliding Single and Telescopic

ILLONA - Pivoting Wall

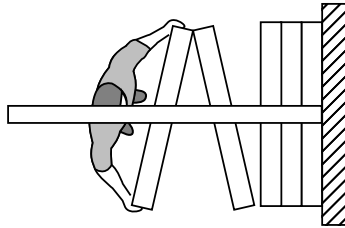
Celling Track	Monodirectional
Floor Track	No



Pivoting and Stacking Suspension

MATA Timber-framed, Paired Panel, Movable Glass Wall

PRODUCT OVERVIEW:



**Top Supported
Center Stack
Paired Panels**

Manually Operated

Maximum Opening Height: 10'2" [3.1]

Maximum Opening Width: Unlimited

Product Application: MATA is part of the LUMINOUS line of movable glass partitions from Kwik-Wall. Design in areas that you wish to divide a space with the aesthetics of natural wood and combined with clear or opaque barrier where lower levels of sound control is needed.

Standard Features: The perimeter frame is of wood with glass inserts and surrounding gaskets to reduce noise leaking into adjacent rooms.

Hinged Paired Panels: Individual, manually operated panels offer maximum room flexibility. The track system enables panels to negotiate turns and be used in alternate locations.

How to Buy: Kwik-Wall MATA movable glass walls are distributed, installed, and serviced by factory-trained local authorized Distributors. To locate one near your project visit www.kwik-wall.com

Delivery: Panels are custom built for your specific project. Lead times vary due to seasonal fluctuations. Check with your Distributor for the current schedule.
Warranty: Carriers and panel frames are guaranteed for two-years and track for 10-years against defects in material and workmanship and track. The glass is not included in this warranty.

Product Features and Benefits:

Look for these features when comparing similar products.

1. Feature: Top supported
Benefit: No need for floor tracks or guides that can gather dirt and dust or cause injury.
2. Feature: Kwik-Wall 425 tracking systems.
Benefit: Proven performance in thousands of movable wall installations around the world.
3. Feature: Matching wood glazing beads on all four sides.
Benefit: Choose laminated or tempered glass for safety, acoustic, or aesthetic requirements.
4. Feature: Triple laminated wood construction
Benefit: Ensures complete three way cross grain lamination for a durable panel construction with added strength and stability.
5. Feature: Custom manufactured to the exact size of the opening.
Benefits: Instead of being locked into pre-determined panel sizes and opening widths, Kwik-Wall timber framed systems are custom designed to fit the opening allowing for more flexible designs.
6. Feature: Decorative glass or acrylic options
Benefit: Designers can use the decorative glass options available to enhance all interior decors.
7. Feature: Mortise bolt on each panel
Benefit: Engages in floor receptacle for panel-to-panel alignment and stability.

IMPORTANT TO NOTE: Although Kwik-Wall Company makes every attempt to closely replicate the stain color selected, due to natural variations of color, moisture, and graining in different wood species and variations in sanding, staining and finishing techniques, the final stain color may vary from that shown on printed or actual wood color chips and the color cannot be guaranteed.

GENERAL SPECIFICATIONS/GLASS WALL

MATA Timber-framed, Paired, Movable Glass Walls

PART 1 - GENERAL

1.01 DESCRIPTION

A. General

1. Furnish and install operable glass partitions and suspension system. Provide all labor, materials, tools, equipment, and services for glass operable walls in accordance with provisions of contract documents.

1.02 RELATED WORK BY OTHERS

- A. Preparation of opening will be by General Contractor. Any deviation of site conditions contrary to approved shop drawings must be called to the attention of the architect.
- B. All header, blocking, support structures, jambs, and track enclosures, as required in 1.04 Quality Assurance.
- C. Prepunching of support structure in accordance with approved shop drawings.
- D. Paint or otherwise finishing all trim and other materials adjoining head and jamb of the partitions.

1.03 SUBMITTALS

- A. Complete shop drawings are to be provided prior to fabrication indicating construction and installation details. Shop drawings must be submitted within 45 days after receipt of signed contract.

1.04 QUALITY ASSURANCE

- A. Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions.
- B. Glass shall be clear tempered or laminated per ASTM C1048-97b.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Proper storage of partitions before installation and continued protection during and after installation will be the responsibility of the General Contractor. **IMPORTANT:** Room in which panels are stored and/or installed must be temperature and moisture controlled.

1.06 WARRANTY

Carriers and panel frames shall be guaranteed for **two years** and track for **ten years** against defects in material and workmanship. The glass is not covered unless damaged during manufacturing or installation process.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Upon compliance with all of the criteria specified in this section, Manufacturers wishing to bid products similar to the product specified must submit to the architect 10 days prior to bidding complete data in support of compliance and a list of three past installations of products similar to those listed. The submitting manufacturer guarantees the proposed substituted product complies with the product specified and as detailed on the drawings.

2.02 MATERIALS

- A. Product to be top supported, center stacked, MATA paired wood-framed glass panels as manufactured by Kwik-Wall Company.
 1. Panels shall be nominally 1-3/4" [43mm] thick and to 48" [1219] in width.
 2. Wood frame of triple laminated solid wood top and bottom rails and stiles that are constructed from custom made veneers with an engineered wood core.
 - a. Basis of design is Red Oak, Maple or Poplar
 - b. Optional species:
 - (1) Cherry, Birch, Pine Walnut and Douglas Fir are available
 - (2) Customer selected species (requires factory approval for manufacturing compatibility)
 3. Vertical lead rails shall contain full height partially recessed rubber bulb seal
 4. Horizontal top & bottom rails shall incorporate continuous contact seals of brown multi-ply vinyl.
 5. Each panel contains a mortise floor pin which extends into a dust covered floor mounted receptor to stabilize and secure each panel.
 6. Glass inserts shall be a choice of
 - a. 1/4" [6] tempered glass (standard)
 - b. 5/16 [8] translucent laminated glass
 - c. Custom glass or acrylic inserts (factory approval required)
 7. Glass shall be glazed using matching solid wood stops on one side of panel.
- B. Weight of the panels shall be approximately:
1/4" [6] tempered glass: 7.0 lbs. per sq. ft.

5/16" [8] laminated glass: 7.2 lbs. per sq. ft.

C. Suspension system:

1. Track shall be of clear anodized architectural grade extruded aluminum alloy 6063-T6. Track design shall provide integral support for adjoining ceiling, soffit, or plenum sound barrier. Track shall be connected to the structural support by pairs of steel hanger rods.
 - a. Each panel shall be supported by one, 4-wheeled carrier. Wheels to be of hardened steel ball bearings encased with molded polymer tires.

Cl. Finishes

1. Aluminum track shall be clear anodized
 - a. Optional upgrade: custom anodized or powder coated
2. Wood frame shall be furnished stained and finished with a matte polyurethane.
 - a. Select stain color from standard Kwik-Wall stains:
 - (a) Fruitwood
 - (b) Dark Oak
 - (c) Wheat
 - (d) Cordovan
 - b. Premium stains available at an upcharge to be selected from the Sherwin Williams® Sher-Wood BAC wiping stains Color Selector. Due to variation of wood grains and moisture content, Kwik-Wall will attempt to closely match selected stain colors; however, exact stain matching cannot be guaranteed.
 - c. Custom stains available at an upcharge. Due to variation of wood grains and moisture content, Kwik-Wall will attempt to closely match custom stains, however, exact stain matching cannot be guaranteed.
 - d. Panels may be ordered unfinished for field finishing. Although care is taken to ensure products do not warp or twist, unfinished panels may experience wood warpage due to humidity and heat variations. Customer assumes responsibility for proper finishing and no warranty will be provided.
3. Hardware finish to be (select one)
 - a. Polished Brass (standard)
 - b. Antique Brass (standard)
 - c. Satin Nickel (standard)
 - d. Polished Chrome
 - e. Matte Black
 - f. Oil Rubbed Bronze (a/k/a Rustic Umber)

CII. Available Accessories/Options

1. Hinged closure panel of the same thickness and construction as the basic panels, one-way swing (select as required):
 - a. Hoppe Munchen style handle
 - (1) Optional upgrade: Lock to be keyed for Schlage brand
2. Floor Locks
 - a. Adams Rite thumb turn floor lock
 - b. Adams Rite keyed floor lock
3. Optional glass etching

2.03 OPERATION

- A. Panels shall be manually moved from the storage area, positioned in the opening, and either edge activated or face activated floorbolts set.
- B. Final partition closure to be by (select one):
 1. Hinged Closure with handle
 2. Overlapping the opening
 3. 2" [51] trail gap
- C. Stack/Store Panels
 1. Retract floorbolt and move to storage area.

PART 3 - EXECUTION

- A. Installation. The complete installation of the glass wall system shall be by an authorized factory-trained installer and be in strict accordance with the approved shop drawings and manufacturer's standard printed specifications, instructions, and recommendations.
- B. Cleaning
 1. All track and panel surfaces shall be wiped clean and free of handprints, grease, and soil per specific instructions.
 2. Optional specialty glass requires special cleaning per instructions provided.
 3. Cartoning and other installation debris shall be removed to on-site waste collection area, provided by others.

C. Training

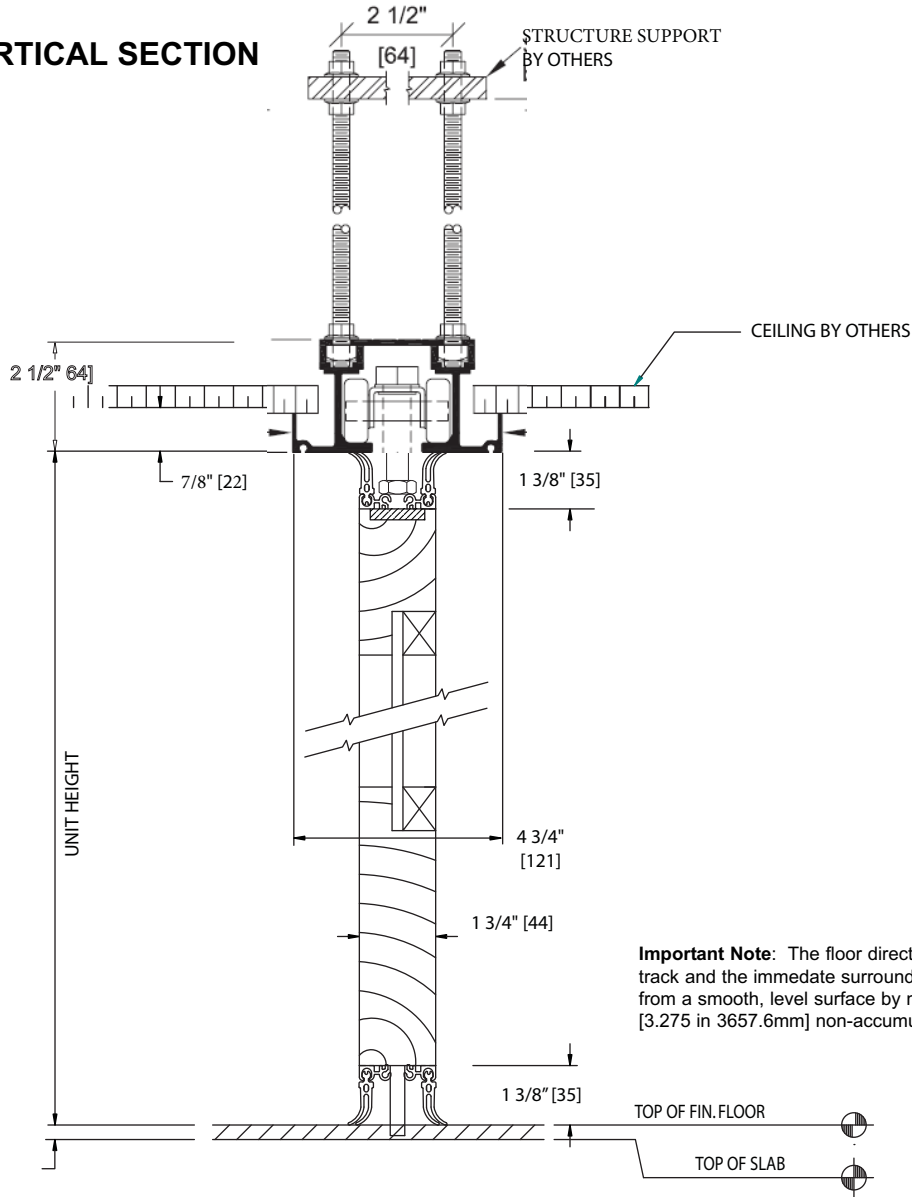


1. Installer shall demonstrate proper operation and maintenance procedures to owner's representative.
2. Owners manuals shall be provided to owner's representative.

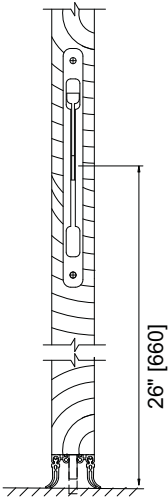
VERTICAL SECTION

Header shown for plenum sound enclosure is one of several that may be used. See ASTM E557 Standard Practice for Archl Application & Installation of Operable Partitions for other recommendations.

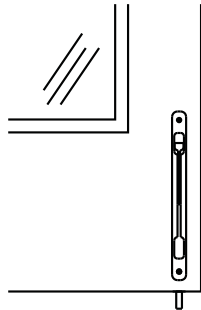
Shown KW Type 425 Aluminum track.



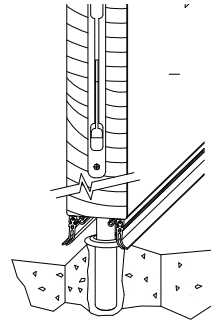
Important Note: The floor directly below the overhead track and the immediate surrounding area should not vary from a smooth, level surface by more than 1/8" in 12'0" [3.275 in 3657.6mm] non-accumulative.



Edge Activated Mortise Footbolt pin



Face-activated floorbolt. Engages in floor receptacle to ensure panel-to-panel alignment and stability.



Footbolt receptable. Stainless steel, dust-proof strike/Floor Pin



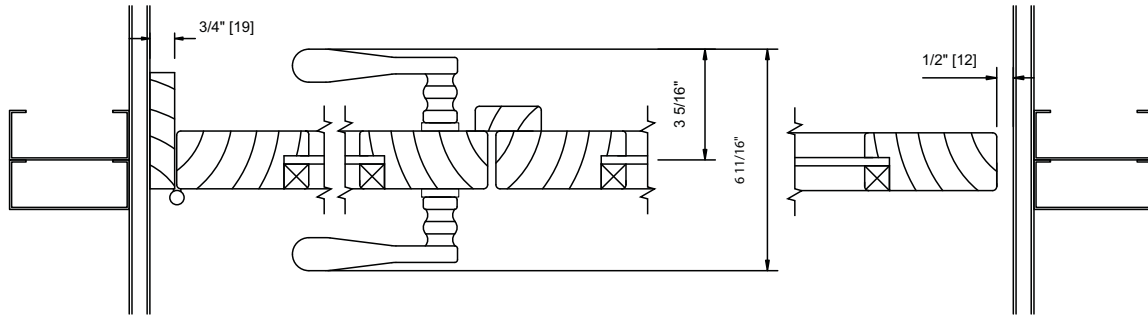
No Scale

MATA Timber-framed, Paired, Movable Glass Walls

DETAILS

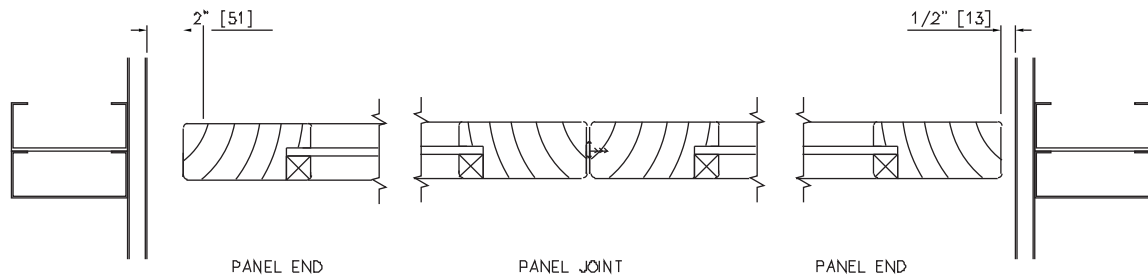
HORIZONTAL SECTION

Hinged Closure Panel with Lead Jamb

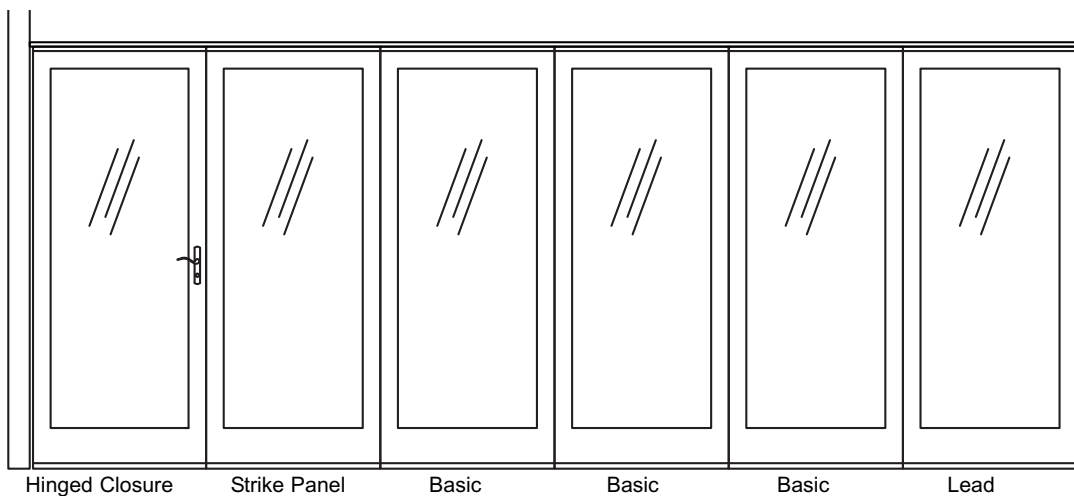


Width Options: 16" - 48" [406-1219]

For Partitions Without Closures



ELEVATION



Hinged Closure
Minimum 16" [406]
Maximum 48" [1219]

Strike Panel

Basic

Basic

Basic

Lead

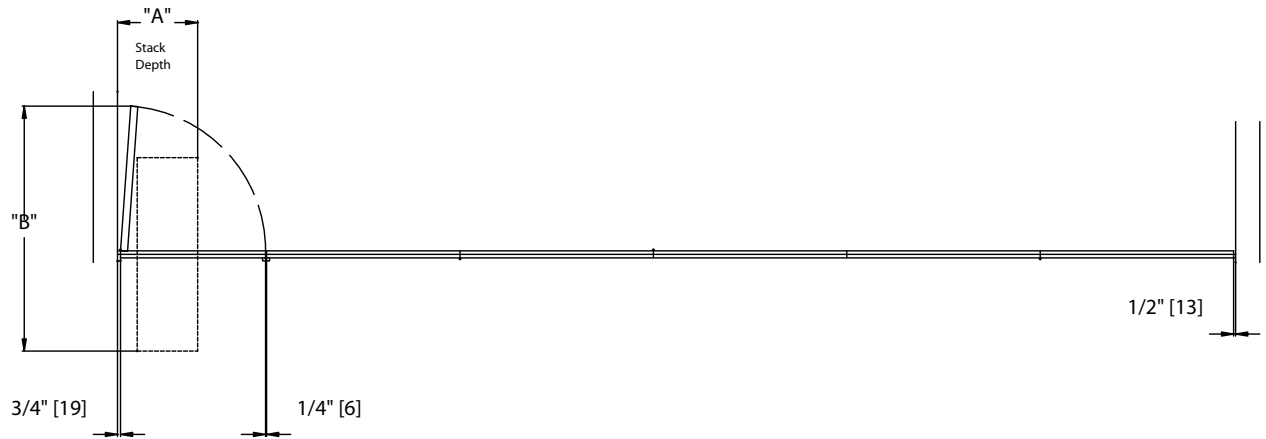


MATA Timber-framed, Paired, Movable Glass Walls

Stack Dimensions

The following stack depth and width dimensions are based on standard construction. Optional constructions may increase stack depth requirements.

Single Opening, using a hinged closure panel.



A Stack Depth:

Type 425 track: 3" [76] per panel + 7" [177] for hinged closure handle

B Stack Width:

Hinged Closure Panel width + 1/2 maximum panel width + 4" [102] finger clearance

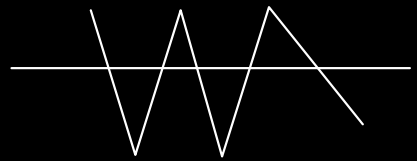


Corporate Headquarters:

Kwik-Wall Company
4650 Industrial Ave.
Springfield, IL 62705
271-522-5553
E-mail: info@kwik-wall.com
Website: www.kwik-wall.com

The manufacturer reserves the right to improve and
change product without notice.

Luminous
LUNATM



Sliding Folding Movable Walls





LUNA FLOOR GUIDED

Continuously hinged wall with its weight supported on the floor.



LUNA TOP HUNG

Suspended continuously hinged wall with no floor track.



LUNA OPERABLE-WALL

Suspended independent element wall with no floor track.

TECHNICAL DETAILS



LUNA Door

LUNA offers either a full height pass door or a hinged door can be fixed on the lead wall jamb opposite of the stack area. Batwing doors are available on bi-parting configurations. Roller latching or mortise locks available.



Floor Track

The LUNA floor track guides the top supported folding wall systems and provides the optional track for floor supported systems. The track is designed to integrate with various floor coverings.



Invisible Hinges

LUNA offers "invisible hinges" for a sleek, uninterrupted panel edge. LUNA provides a true alternative to most sliding folding systems that use large visible barrel hinges. Side seals create a tight panel-to-panel acoustic seal.

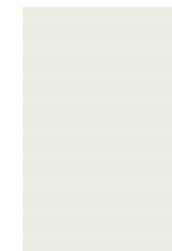


Suspended without track

LUNA can be provided with true paired panel configuration. The suspended systems eliminate the need for floor guide tracks. These LUNA panels are equipped with a bottom friction seal mechanism that ensure the panels are fixed in place.

FINISHES

Melamine FC

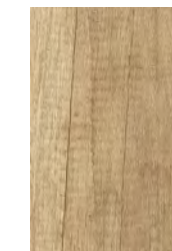


WHITE
- B3822



LIGHT GREY
- L166

Wood Melamine FC



NATURAL NEBRASKA OAK
- H3331 ST10



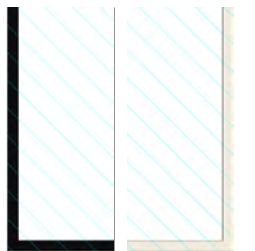
NATURAL DIJON WALNUT
- H3734 ST9

HPL



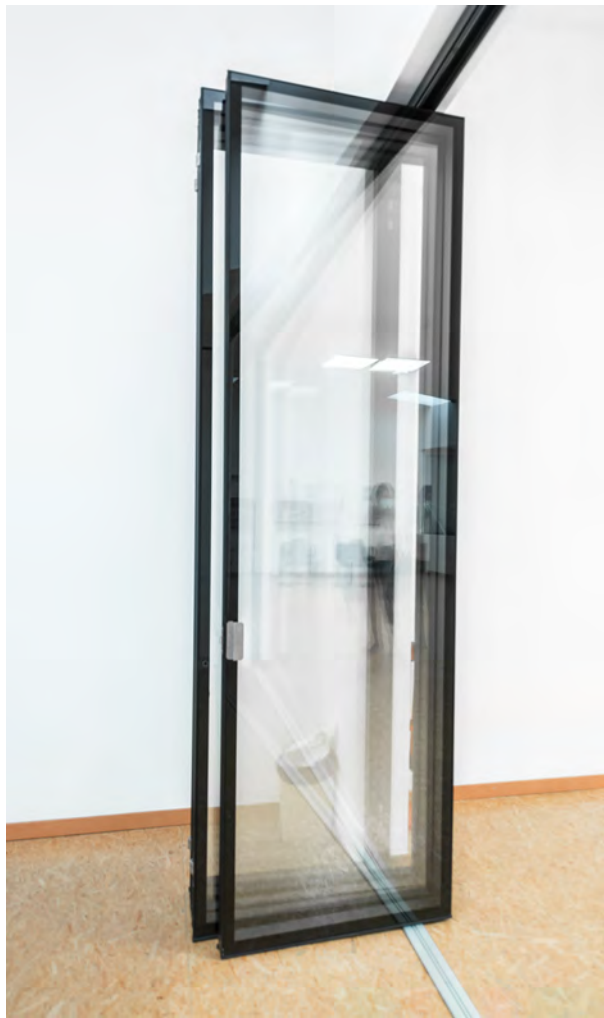
WRITABLE WHITE BRIGHT

Glass



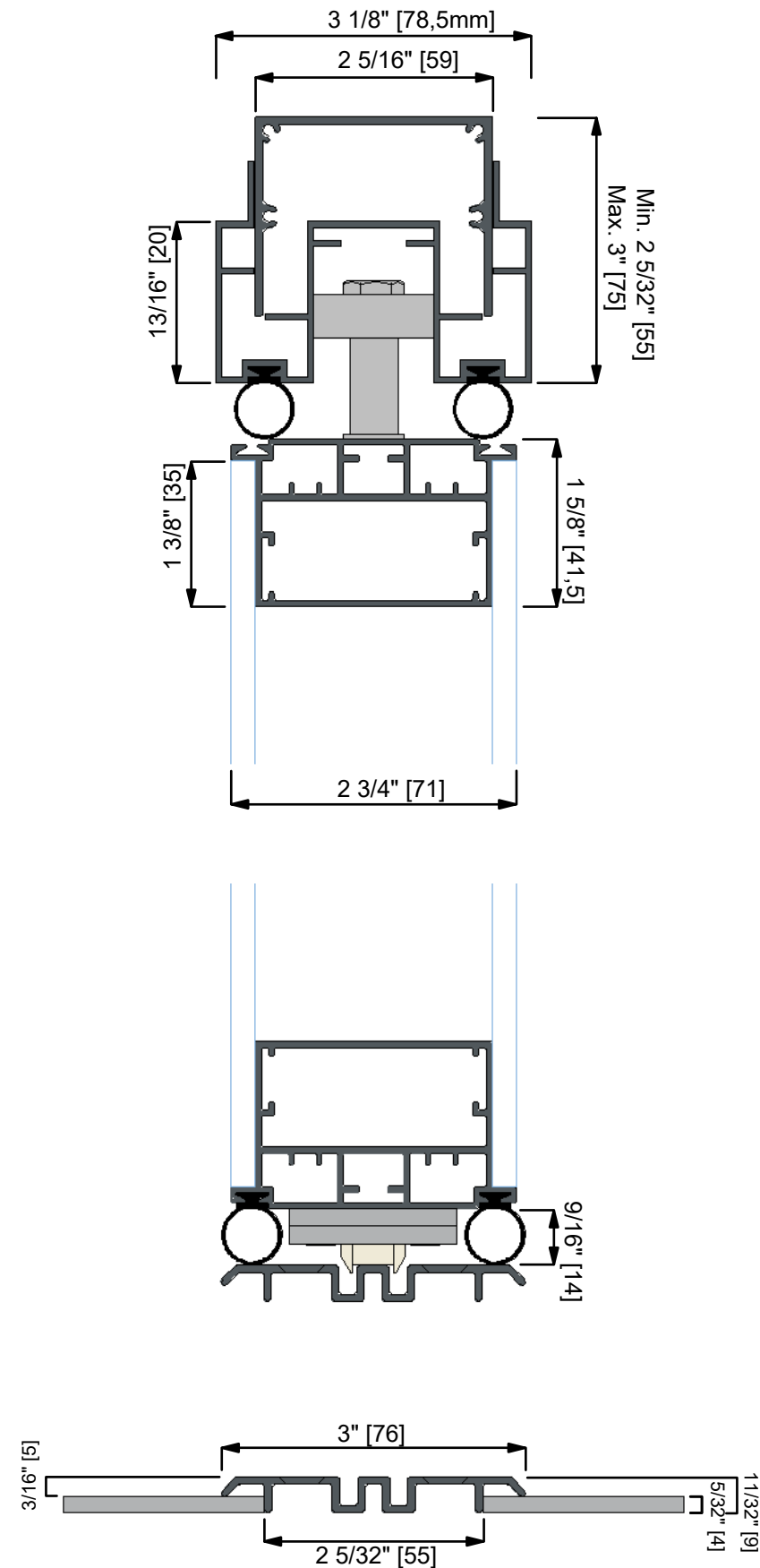
JET BLACK - RAL 9005 (standard)
PURE WHITE - RAL 9010

Note: Other panel finishes and, profiles and glass painting under demand.



LUNA FLOOR GUIDE

LUNA creates waves of movable folding panel system. The highly aesthetic, low profile vertical rails provide the utmost glass views for each panel. LUNA has invisible hinges and very low profile door handles and panel locking mechanisms allowing for easy, minimalist set ups. LUNA can be both top of floor supported all based on how your project's structure is planned.



TECHNICAL DATA

Dimensions

Thickness – 2 3/4" [71mm]

Construction

Finishes – GLAZED | HPL | MDF | Melamine FC

Element connections – aluminium profiles

Operation

Manual (Optional fully electric)

Acoustic Rating dB (STC)/Rw 42 - 43

Frame Width 2 3/4" [71mm]

Weight lbs/ ft² 6.35 Glazed

Max Panel Height 10'10"

Max Panel Width 41" [1042mm]

Panel Construction / Frame Aluminium

Max Opening Width Variable/Custom

Key-Points

Adjustable fixed bulb seal, telescopic track, adaptable to deflection and floor variances

Wide range of RAL color finishes available

Top Hung or Floor supporting system

Back-Painted glass writable surfaces

Including pass door panels and glazing

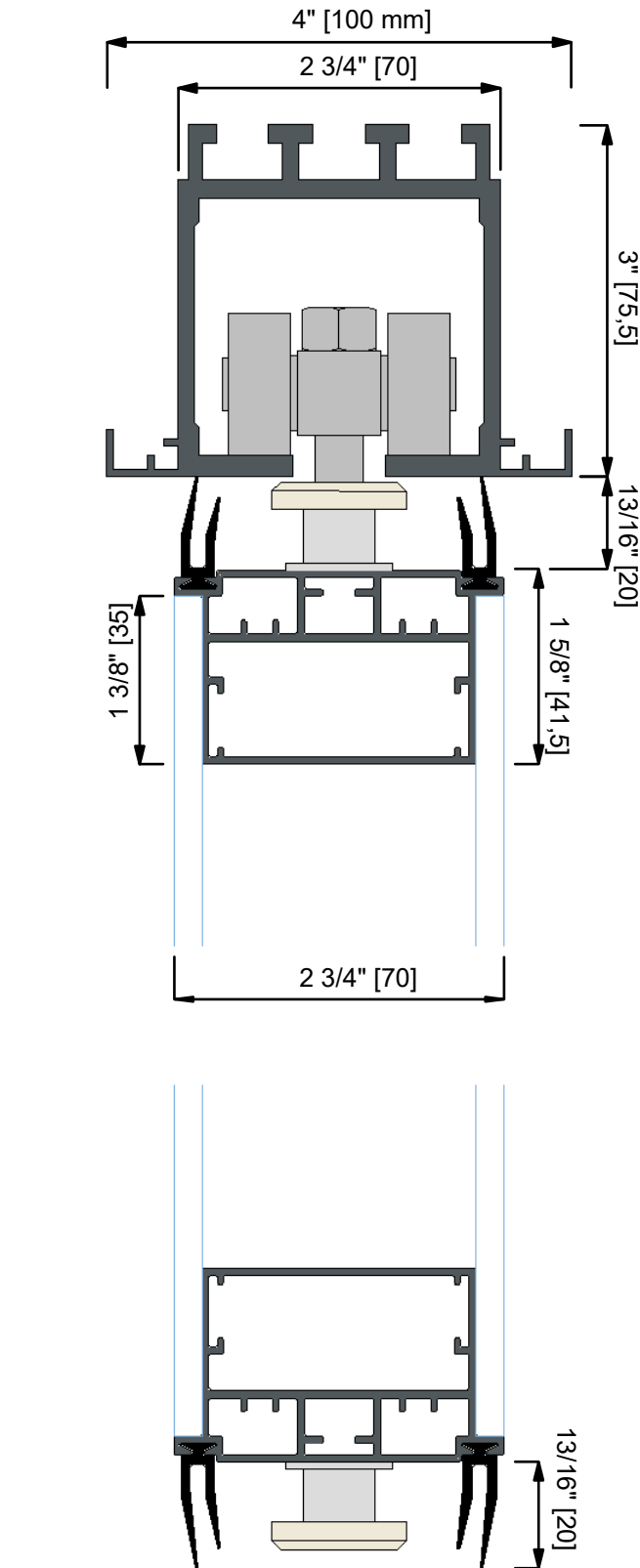
Narrow Frames and Thickness

Hidden hinges



LUNA^{TOP HUNG}

After a successful launch of floor supported LUNA, the TOP HUNG version was designed for customers looking for an alternative. The weight is now supported by the upper rail, reinforcing its innovative side and without ever losing its clean European design.



TECHNICAL DATA

Dimensions

Thickness – 2 3/4" [71mm]

Construction

Finishes – GLAZED | HPL | MDF | Melamine FC

Element connections – aluminium profiles

Operation

Manual

Acoustic Rating dB (STC/Rw) 42 - 43

Frame Width 2 3/4" [71mm]

Weight lbs/ft² 6.35

Max Panel Height 10'10"

Max Panel Width 41" [1042mm]

Panel Construction / Frame Aluminium

Max Opening Width Variable/Custom

Key-Points

No floor track

Available in a wide range of surface finish options

Back-Painted glass writable surfaces

Including pass door panels and glazing

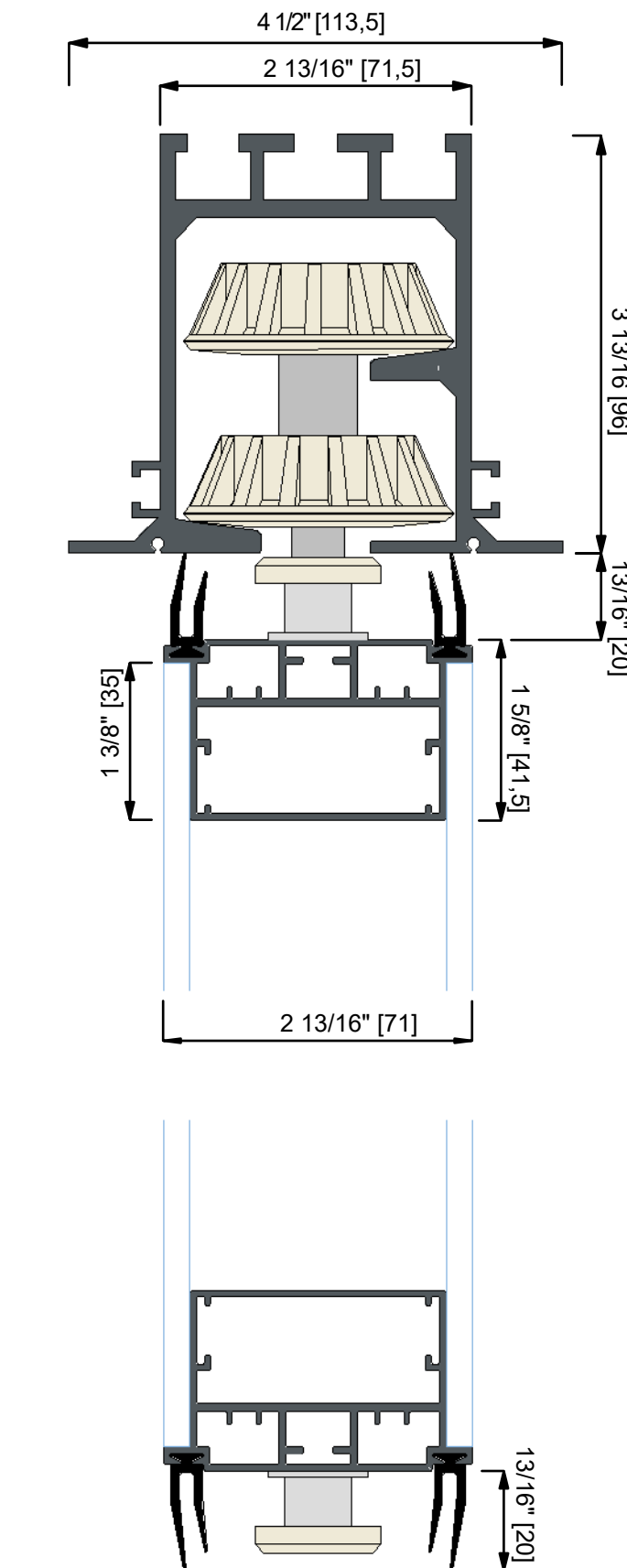
Narrow profiles with European aesthetics

Hidden hinges



LUNA MULTI-DIRECTIONAL

LUNA Multi-Directional dual carrier top supported systems allows panels to be remotely sacked for true design flexibility. No floor tracks are required and panels are stabilized with bottom friction bolts. Panels can also be single hung, center stacked individual panels for even more design flexibility.



TECHNICAL DATA

Dimensions
 Thickness – 2 3/4" [71mm]

Construction
 Finishes – GLAZED | HPL | MDF | Melamine FC
 Element connections – aluminium profiles

Operation
 Manual

Accoustic Rating dB (STC/Rw)	42 - 43
Frame Width	2 3/4" [71mm]
Weight lbs/ft ²	6.35
Max Panel Height	10'10"
Max Panel Width	41" [1042mm]
Panel Construction / Frame	Aluminium
Max Opening Width	Variable/Custom

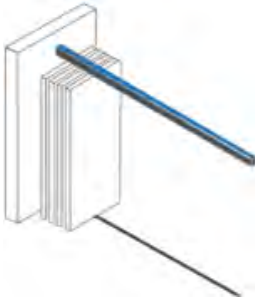
- Key-Points**
- Individual panels can form endless configurations and be stacked remotely
 - Available in a wide range of surface finish options
 - Sleek frame thickness for maximum glass view
 - Hinged panel pass door closing option
 - Back-Painted Glass Writable surfaces
 - Appealing European design

STACKING SYSTEMS

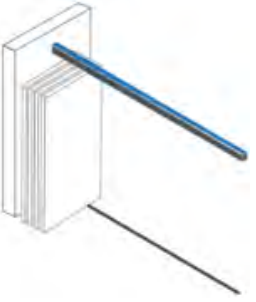
LUNA - Floor Support

Ceiling Track - Telescopic

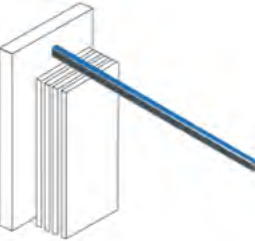
Floor Track - Yes



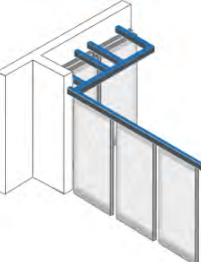
Hinged Paired Panels



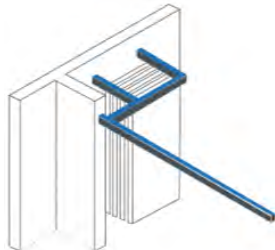
Side-Stacking Sliding-Folding



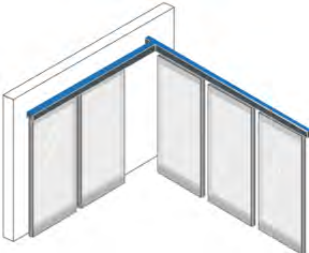
Single Point Center-Stack



Multi-Directional



Multi-Directional



Multi-Directional

LUNA - Top Hung

Ceiling Track - Single carrier, center stacing

Floor Track - No

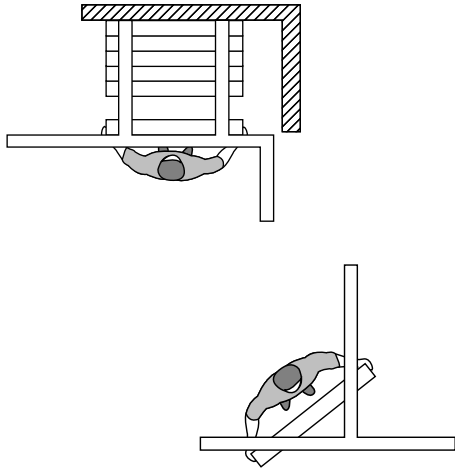
LUNA - Multi-Directional

Ceiling Track - Multidirectional

Floor Track - No



MATA™ Timber-framed, Multi-Directional Movable Wall



Top Supported
Remote or Side Stack
Individual, Omni-Directional Panels
Manually Operated
Maximum Opening Height: 10'2" [3.1]
Maximum Opening Width: Unlimited

PRODUCT OVERVIEW:

Product Application: MATA is part of the LUMINOUS line of movable glass partitions from Kwik-Wall. Design in areas that you wish to divide a space with the aesthetics of natural wood and combined with clear or opaque barrier where lower levels of sound control is needed.

Standard Features: The perimeter frame is of wood with glass inserts and surrounding gaskets to reduce noise leaking into adjacent rooms.

Individual, Multi-Directional Panels: Individual, manually operated panels offer maximum room flexibility. The track system enables panels to negotiate turns and be used in alternate locations.

How to Buy: Kwik-Wall MATA movable glass walls are distributed, installed, and serviced by factory-trained local authorized Distributors. To locate one near your project visit www.kwik-wall.com

Delivery: Panels are custom built for your specific project. Lead times vary due to seasonal fluctuations. Check with your Distributor for the current schedule.

Warranty: Carriers and panel frames are guaranteed for **two-years** and track **10-years** against defects in material and workmanship and track. The glass is not included in this warranty.

Product Features and Benefits:

Look for these features when comparing similar products.

- Feature:** Top supported
Benefit: No need for floor tracks or guides that can gather dirt and dust or cause injury.
- Feature:** Kwik-Wall Type 425 tracking systems.
Benefit: Proven performance in thousands of movable wall installations. Enables panels to negotiate turns and stacked conveniently in remote parking areas.
- Feature:** Matching wood glazing stops on all four sides.
Benefit: Choose laminated or tempered glass lites for safety, acoustic, or aesthetic requirements.
- Feature:** Triple laminated wood construction
Benefit: Ensures complete three way cross grain lamination for a durable panel construction, resists warping and adds durability.
- Feature:** Custom manufactured to the exact size of the opening.
Benefits: Instead of being locked into pre-determined panel sizes, stack configurations and opening widths, MATA glass wall systems are custom designed to fit the opening allowing for more flexible designs.
- Feature:** Decorative customer supplied glass
Benefit: Designers can use the decorative glass options available to enhance all interior decors.
- Feature:** Mortise bolt on each panel
Benefit: Engages in floor receptor for panel-to-panel alignment and stability.

IMPORTANT TO NOTE: Kwik-Wall used top shelf Sherwood BAC Wiping Stain finishes for a true rich, luxurious finish. Every attempt to closely replicate the stain color selected, due to natural variations of color, moisture, and graining in different wood species and variations in sanding, staining and finishing techniques, the final stain color may vary from that shown on printed or actual wood color chips and the color cannot be guaranteed.

The standard product may be modified to fit individual job site requirements. Contact your Kwik-Wall representative for assistance.

GENERAL SPECIFICATIONS/GLASS WALL

MATA Wood-Framed, Multi-Directional, Glass Wall

PART 1 - GENERAL

1.01 DESCRIPTION

A. General

1. Furnish and install operable glass partitions and suspension system. Provide all labor, materials, tools, equipment, and services for glass operable walls in accordance with provisions of contract documents.

1.02 RELATED WORK BY OTHERS

- A. Preparation of opening will be by General Contractor. Any deviation of site conditions contrary to approved shop drawings must be called to the attention of the architect.
- B. All header, blocking, support structures, jambs, and track enclosures, as required in 1.04 Quality Assurance.
- C. Prepunching of support structure in accordance with approved shop drawings.
- D. Paint or otherwise finishing all trim and other materials adjoining head and jamb of the partitions.

1.03 SUBMITTALS

- A. Complete shop drawings are to be provided prior to fabrication indicating construction and installation details. Shop drawings must be submitted within 45 days after receipt of signed contract.

1.04 QUALITY ASSURANCE

- A. Preparation of the opening shall conform to the criteria set forth per ASTM E557 Standard Practice for Architectural Application and Installation of Operable Partitions.
- B. Glass shall be clear tempered or laminated per ASTM C1048-97b.

1.05 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Proper storage of partitions before installation and continued protection during and after installation will be the responsibility of the General Contractor. IMPORTANT: Room in which panels are stored and/or installed must be temperature and moisture controlled.

1.06 WARRANTY

Track, carriers, and panel frames shall be guaranteed for one year against defects in material and workmanship. Glass breakage is not included unless done during manufacturing or installation process.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Upon compliance with all of the criteria specified in this section, Manufacturers wishing to bid products similar to the product specified must submit to the architect 10 days prior to bidding complete data in support of compliance and a list of three past installations of products similar to those listed. The submitting manufacturer guarantees the proposed substituted product complies with the product specified and as detailed on the drawings.

2.02 MATERIALS

- A. Product to be top supported, individual, wood-framed movable glass wall system MATA by Kwik-Wall Company.
 1. Panels shall be nominally 1-3/4" [43mm] thick and to 48" [1219] in width.
 2. Wood frame of triple laminated solid wood top and bottom rails and stiles that are constructed from custom made veneers with an engineered wood core.
 - a. Basis of design is Red Oak, Maple or Poplar
 - b. Optional species:
 - (1) Cherry, Birch, Pine Walnut and Douglas Fir are available
 - (2) Customer selected species (requires factory approval for manufacturing compatibility).
 3. Vertical lead rails shall contain full height partially recessed rubber bulb seal
 4. Horizontal top & bottom rails shall incorporate continuous contact seals of brown multi-ply vinyl.
 5. Each panel contains a mortise floor pin which extends into a floor mounted dust covered floor strike to stabilize and secure each panel in the opening.
 6. Glass inserts shall be a choice of
 - a. 1/4" [6mm] tempered glass (standard)
 - b. 5/16 [8] translucent laminated glass
 - c. Custom glass (factory approval required)
 7. Glass shall be glazed using matching solid wood stops one side of panel.
- B. Weight of the panels shall be approximately:
 - 1/4" [6] tempered glass: 7.0 lbs. per sq. ft.
 - 5/16" [8] laminated glass: 7.2 lbs. per sq. ft.

C. Suspension system:

1. Track shall be Type 425 of clear anodized architectural grade extruded aluminum alloy 6063-T6. Track design shall provide integral support for adjoining ceiling, soffit, or plenum sound barrier. Track shall be connected to the structural support by pairs steel hanger rods.
 - a. Each panel shall be supported by two 2-wheeled counter-rotating horizontal carriers with steel ball bearings and molded polymer tires.
 - b. Optional: Single point, center hung 4-wheeled carrier

CI. Finishes

1. Aluminum track shall be clear anodized
 - a. Optional upgrade: custom anodized or powder coated paint
2. Wood frame shall be furnished stained and finished with a matte polyurethane.
 - a. Select stain color from standard Kwik-Wall stains:
 - (a) Fruitwood
 - (b) Dark Oak
 - (c) Wheat
 - (d) Cordovan
 - b. Premium stains available at an upcharge to be selected from the Sherwin Williams® Sher-Wood BAC wiping stains Color Selector.
 - c. Custom stains available at an upcharge. Due to variation of wood grains and moisture content, Kwik-Wall will attempt to closely match custom stains, however, exact stain matching cannot be guaranteed.
 - d. Panels may be ordered unfinished for field finishing. Although care is taken to ensure products do not warp or twist, unfinished panels may experience wood warpage due to humidity and heat variations. Customer assumes responsibility for proper finishing and no warranty will be provided.

[Specifiers note: Due to variation of wood grains, moisture content and the hand-wiped staining process, Kwik-Wall will attempt to closely match custom stains, however, exact stain matching cannot be guaranteed.]

3. Hardware finish to be (select one)
 - a. Polished Brass (standard) (a/k/a Resista)
 - b. Antique Brass (standard)
 - c. Satin Nickel (standard)
 - d. Optional Upgrade (may extend lead times)
 - (1) Polished Chrome
 - (2) Matte Black
 - (3) Oil Rubbed Bronze (a/k/a Rustic Umber)

E. Available Accessories/Options

1. Inset pass door of the same thickness and construction as the basic panels, one-way swing.
 - a. Hoppe Munchen style handle
 - (1) Optional upgrade: Lock to be keyed for Schlage brand
2. Hinged closure panel of the same thickness and construction as the basic panels, one-way swing (select as required):
 - a. Hoppe Munchen style handle
 - (1) Optional upgrade: Lock to be keyed for Schlage brand
3. Floor Locks
 - a. Adams Rite thumb turn floor lock
 - b. Adams Rite keyed floor lock
4. Optional glass etching and decals available

2.03 OPERATION

- A. Panels shall be manually moved from the storage area, positioned in the opening, and either edge activated or face activated floorbolts set.
- B. Final partition closure to be by (select one):
 1. Hinged Closure with handle
 2. Overlapping the opening
 3. 2" [51] trail gap
- C. Stack/Store Panels
 1. Retract floorbolt and move to storage area. Panels are stored on stacks in storage area(s).

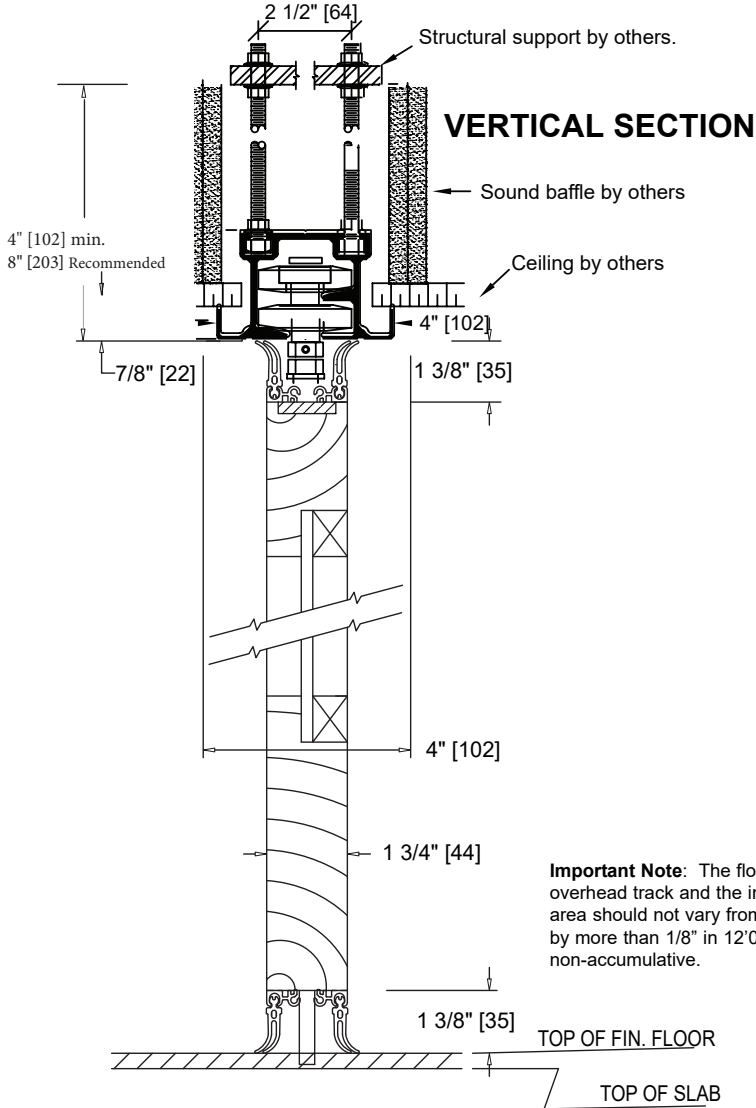
PART 3 - EXECUTION

- A. Installation. The complete installation of the glass wall system shall be by an authorized factory-trained installer and be in strict accordance with the approved shop drawings and manufacturer's standard printed specifications, instructions, and recommendations.
- B. Cleaning
 1. All track and panel surfaces shall be wiped clean and free of handprints, grease, and soil per specific instructions.

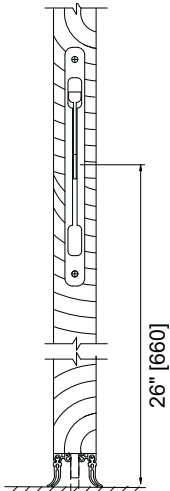
- 2. Optional specialty glass requires special cleaning per instructions provided.
- 3. Cartoning and other installation debris shall be removed to on-site waste collection area, provided by others.
- C. Training
 - 1. Installer shall demonstrate proper operation and maintenance procedures to owner's representative.
 - 2. Owners manuals shall be provided to owner's representative.

Header shown for plenum sound enclosure is one of several that may be used. See ASTM E557 Standard Practice for Archl Application & Installation of Operable Partitions for other recommendations.

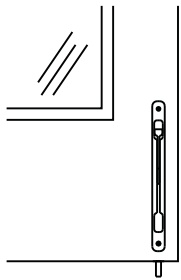
Shown With 425MD aluminum track. Kwik-Wall Type 425MD dimensions shown.



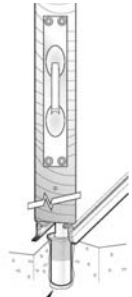
Important Note: The floor directly below the overhead track and the immediate surrounding area should not vary from a smooth, level surface by more than 1/8" in 12'0" [3.275 in 3657.6mm] non-accumulative.



Edge Activated Mortise Footbolt



Optional Face-activated footbolt. Engages in floor receptacle to ensure panel-to-panel alignment and stability.



Footbolt receptable. Stainless steel, surface mounted with dust-proof cover.



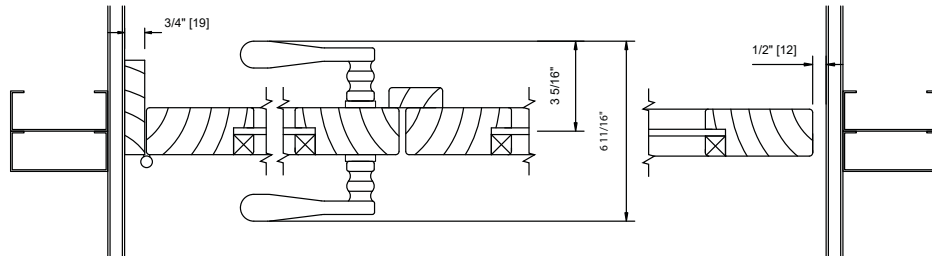
No Scale

MATA Timber-framed, Multi-Directional, Glass Wall

DETAILS

HORIZONTAL SECTION

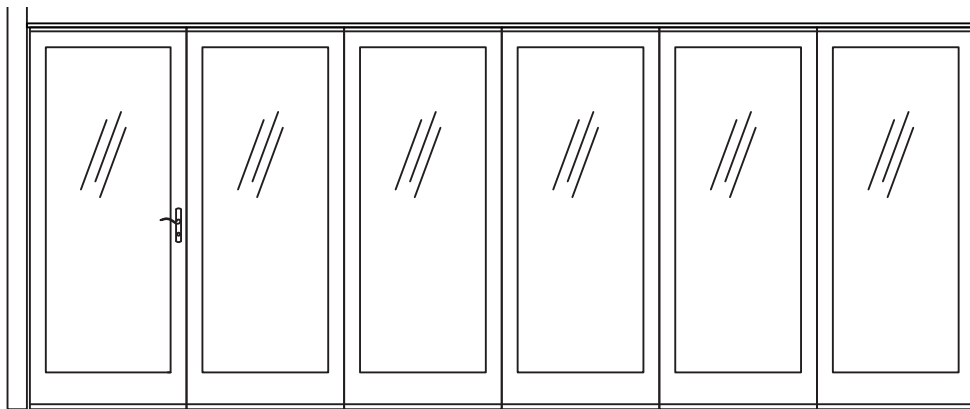
Hinged Closure Panel with Lead Jamb



Width Options: 16" - 48" [406-1219]

ELEVATION

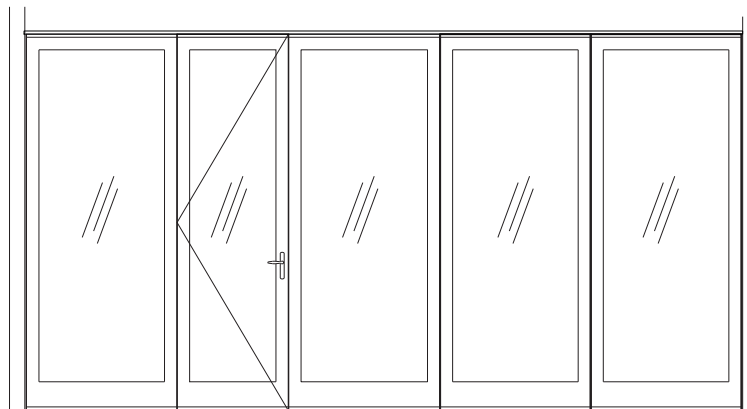
With Hinged Closure Panel



Hinged Closure
Options: 16"-48"
[406-1219] widths

Strike Panel Basic Basic Basic Lead

With In-Line Pass Door Panel



Anchor Panel Pass Door Strike Panel Basic Lead
48" wide [1219] 36" Wide

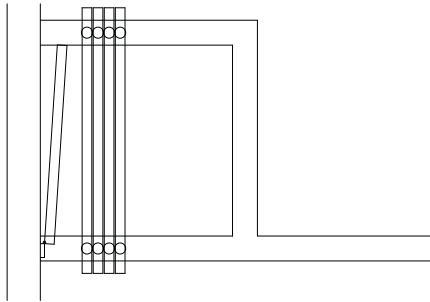


MATA Timber-framed, Multi-Directional, Glass Wall

Stack Dimensions

Stack depth and width dimensions are based on a flat stack. Angled stacks require additional space. Contact your Kwik-Wall Company Distributor for angled stack requirements. Stacks shown are those most commonly used. Stacks may be modified to fit job site needs.

Wall to wall opening with hinged closure panel - H Stack



TYPE 1

Stack Depth:

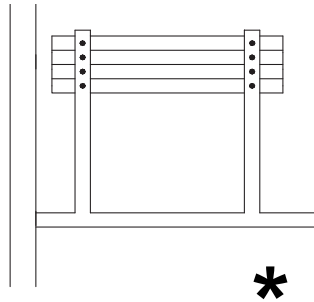
3" [76] per panel + 7" [178] for hinged closure handle

3" [76] per panel + 7" [178] for optional pass door.

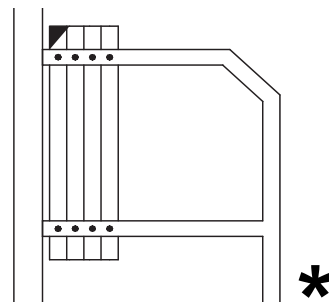
Stack Width:

Calculate maximum panel width + 4" [101] finger clearance

The Type 1 stack shown above is the most often used for simple omni-directional layouts. Following are additional common stack configurations. Stacks are not limited to these configurations and may be built to fit each job requirement. Consult your Hufcor representative for design assistance.



TYPE 2 *

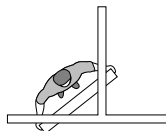


TYPE 4 *



CAUTION

Body space is needed to access the panels and move them into position. Be certain to consult your KW representative before constructing walls in pocket/stack areas. This is important for all configurations.





LUMINOUS[™] STELLA

TECHNICAL DATA &
DRAWINGS





COMING SOON

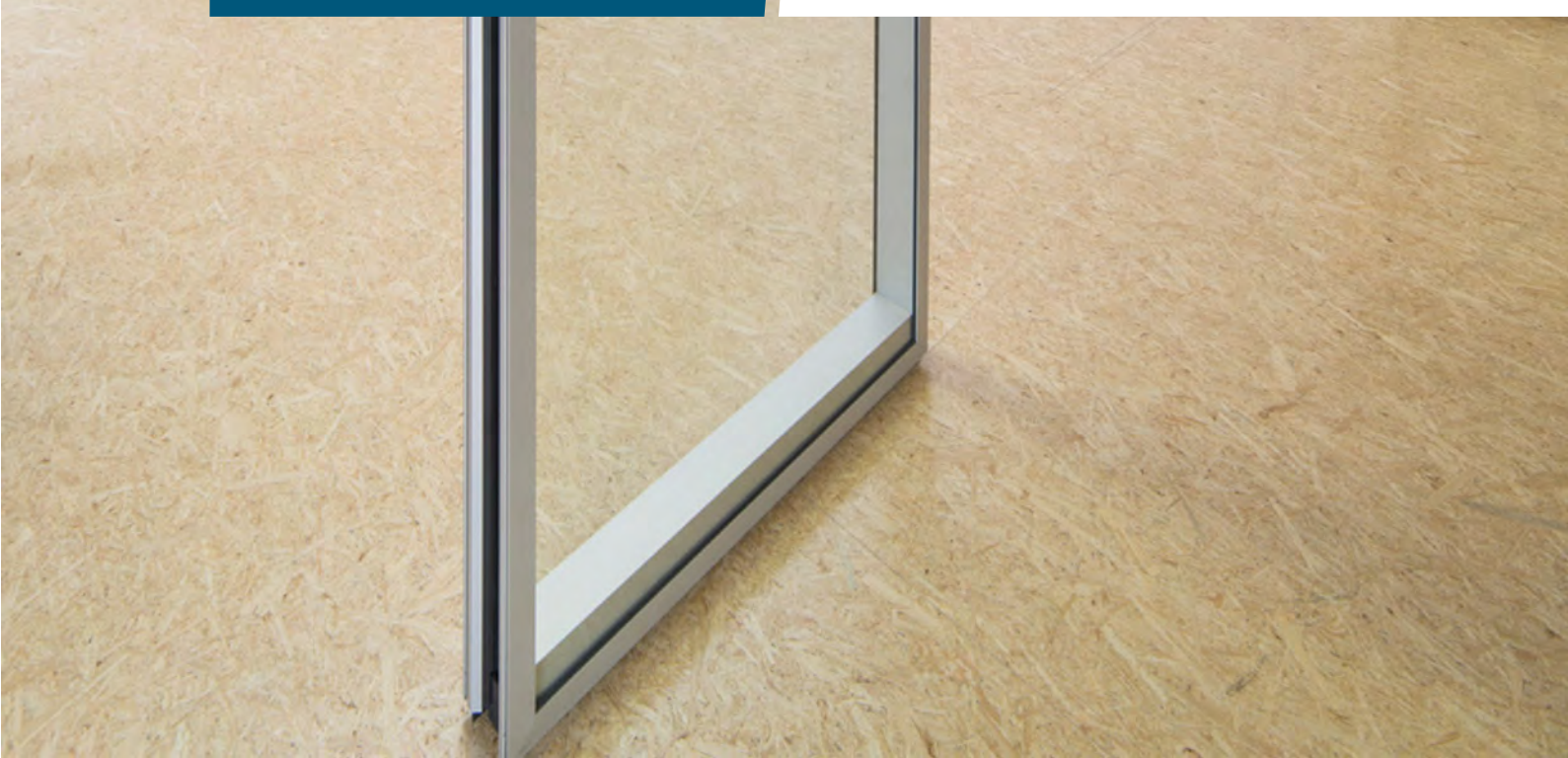
- Manually Activated Seals
- Dry Glazing (exchangeable glass)
- Acoustical performance - 44DB
- Protected Edge Frames
- Low Profile Top & Bottom Rails
- Extra Low Profile Vertical Rails

Dimensions

Panel Thickness	4 1/4" [115mm]
Panel Widths	33" [840] - 51" [1300]
Height (máx.)	up to 10' 10" [3300]

Construction

Glazing	Tempered Glass / Laminated Glass
Extras	Electrically controlled blinds Switchable & Back Painted Writable Surfaces
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

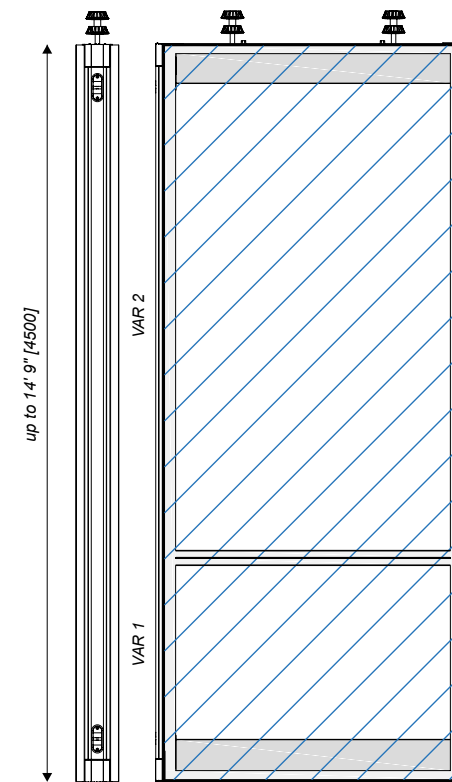
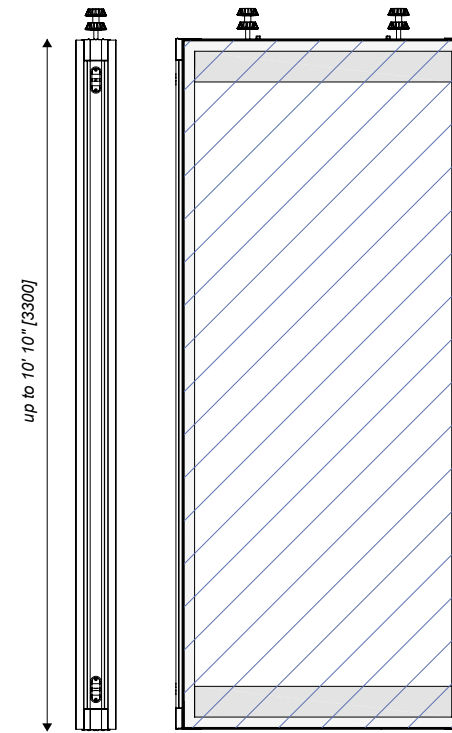


TECHNICAL DATA SHEETS AND DRAWINGS INDEX

MANUAL STELLA (Coming Soon)	2
STELLA AUTOMATED PANELS	4
GLAZED PANEL	4
TELESCOPIC	6
MULTI	8
SINGLE INSET PASSDOOR	10
DOUBLE INSET PASSDOOR	12
FULL-HEIGHT PASSDOOR	14
CEILING TRACK, SUSPENSION TYPES AND STACKING SYSTEMS	16
OPTIONS	17

STELLA PANELS
MOVABLE GLASS WALLS

STELLA PANELS
BASIC PANELS



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	<input checked="" type="radio"/>
Anodized or RAL colors	<input type="radio"/>

Equipment details

Semi-Automatic	<input checked="" type="radio"/>
Full-Automatic	<input type="radio"/>

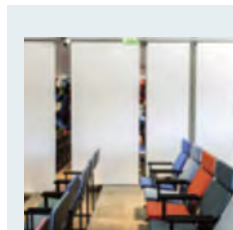
Suspension

	Single Point Center/	Multi-Directional
--	----------------------	-------------------

Technical specifications	STC (dB)	Weight (lbs/ft²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8.00 [39]
	50	9.85 [48]

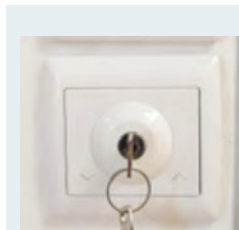
* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a
minimum height of 18 1/8" [460mm] is required.

Standard equipment
 Option



FULLY AUTOMATIC

STELLA fully automatic i-Core system allows the user to position the wall automatically then lock and seal the panels quickly and safely by way of an electronic key-switch. Each panel is driven electrically along the track and contains a wireless two-way control unit which the master control is able to identify & communicate. This allows the user to program such things as speed of closure and configuration. Panels' operating batteries charge both in extend and stacked positions. In the event of a long power interruption a battery back-up is supplied as standard.



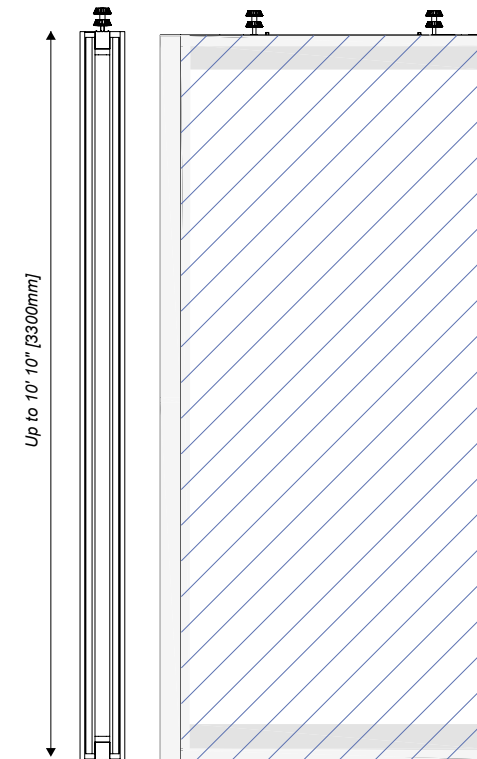
SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a low voltage (24v) actuator powered by a certified power supply. A battery back-up can be supplied for use in case of a power outage.

STELLA PANELS
TELESCOPIC CLOSURES



STELLA PANELS
TELESCOPIC CLOSURES



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

Semi-Automatic	●
Full-Automatic	○

Suspension

	Single Point Center/ Multi-Directional
--	--

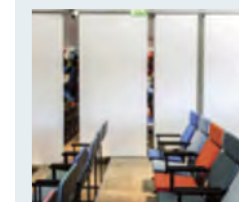
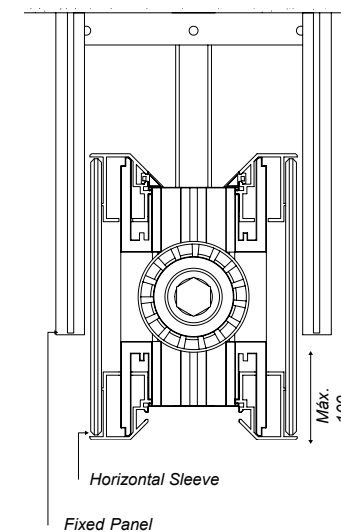
Technical specifications

	STC (dB)	Weight (lbs/ft²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8.00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option

FIXED TELESCOPIC CLOSURE



FIXED CLOSURES

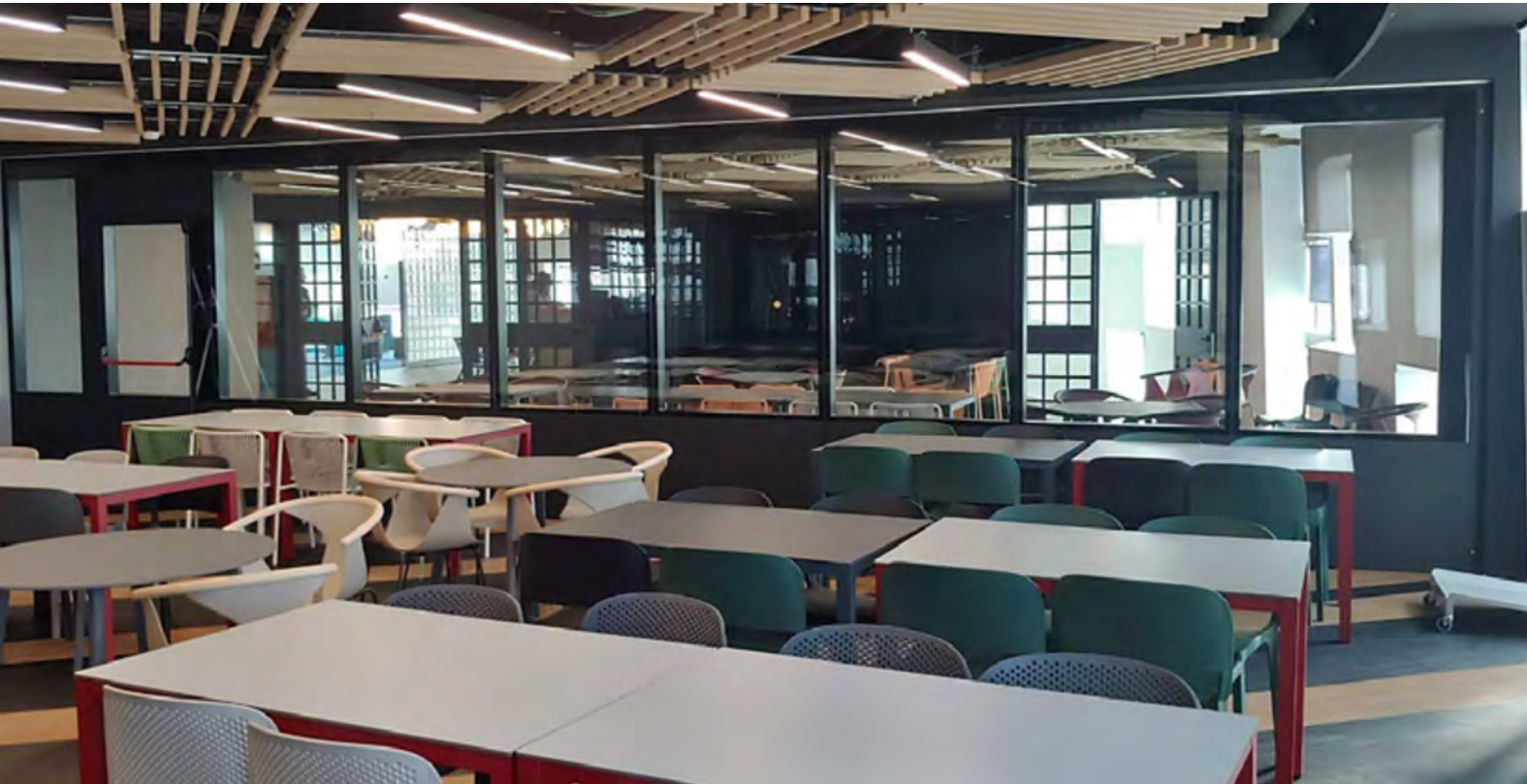
STELLA fully automatic fixed closure is designed into the adjacent wall and automatically extends to seal the partition in place. This closure system provides a 4" [101] extension. The automatic closure compresses the panels tightly together to provide a superior vertical panel-to-panel acoustic seal. Special design considerations are required for the fixed wall, so contact your Kwik-Wall distributor to request design assistance.



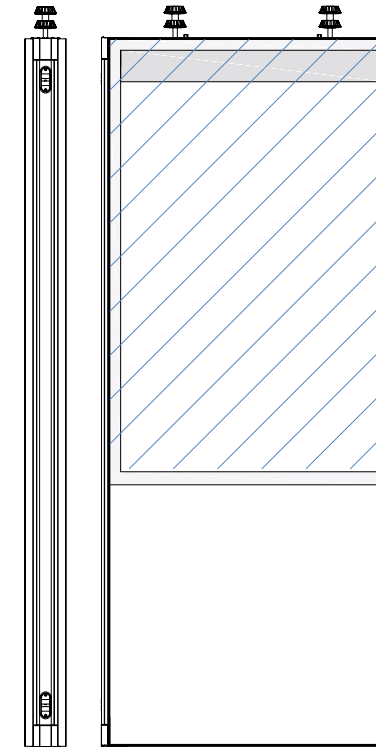
SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a low voltage (24v) actuator powered by a certified power supply. A battery back-up can be supplied for use in case of a power outage.

STELLA PANELS
SOLID & MULTI-FACED PANELS



STELLA PANELS
SOLID & MULTI-FACED PANELS



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

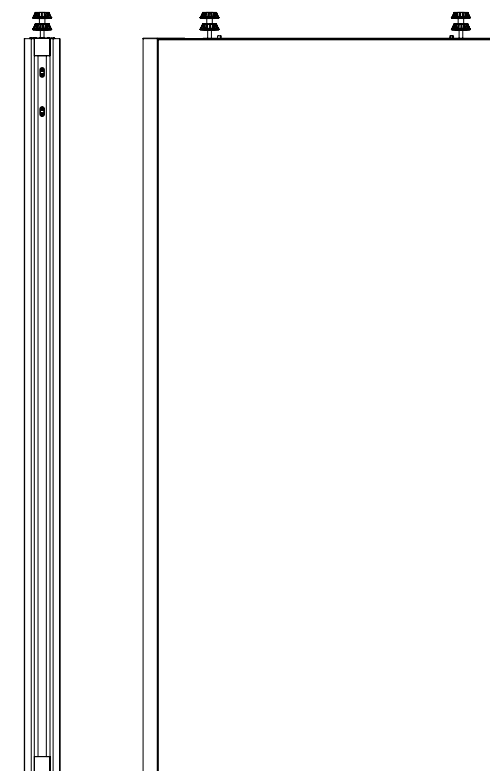
Semi-Automatic	●
Full-Automatic	○

Suspension

	Single Point Center/ Multi-Directional	
Technical specifications	STC (dB)	Weight (lbs/ft²)
	Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option

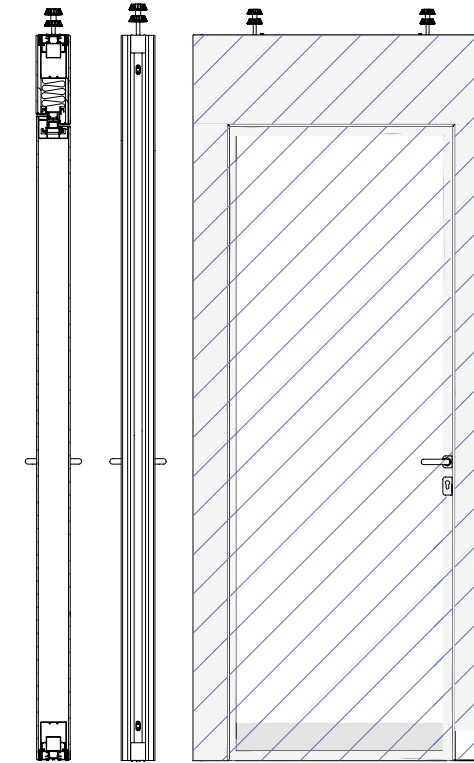


Optional Solid Panels
Melamine, or Back Painted Glass

W908 ST2	W980 ST2
U999 ST2	U708 ST9

NOTE

Other finishes may be available including writing surfaces. Contact your Kwik-Wall distributor.



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

Semi-Automatic	●
Full-Automatic	○

Suspension

	Single Point Center/	Multi-Directional
Technical specifications	STC (dB)	Weight (lbs/ft²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8.00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a
minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option



FRAME & HANDLES

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



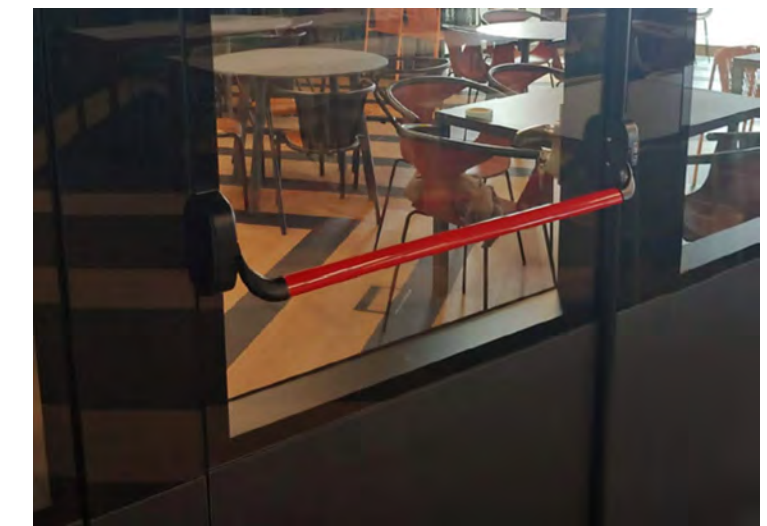
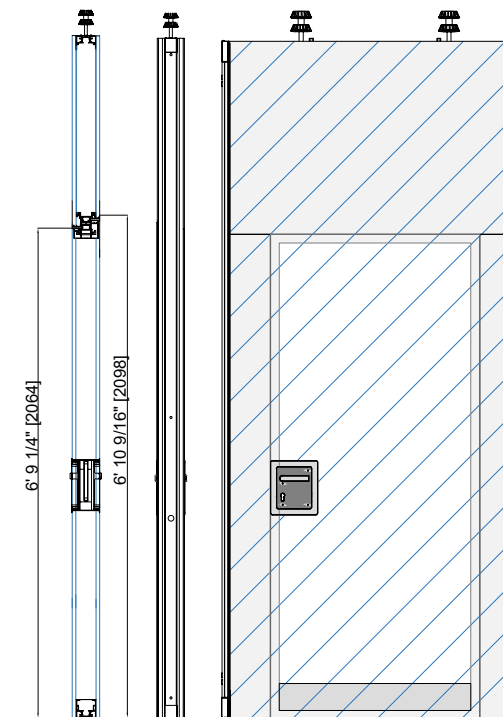
HINGE SYSTEM

STELLA innovative concealed hinge allow full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.



CONTROL DETAILS

Low voltage electrical contacts are housed in our proprietary aluminum astragal profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom which extends automatically during the closing action of the door.

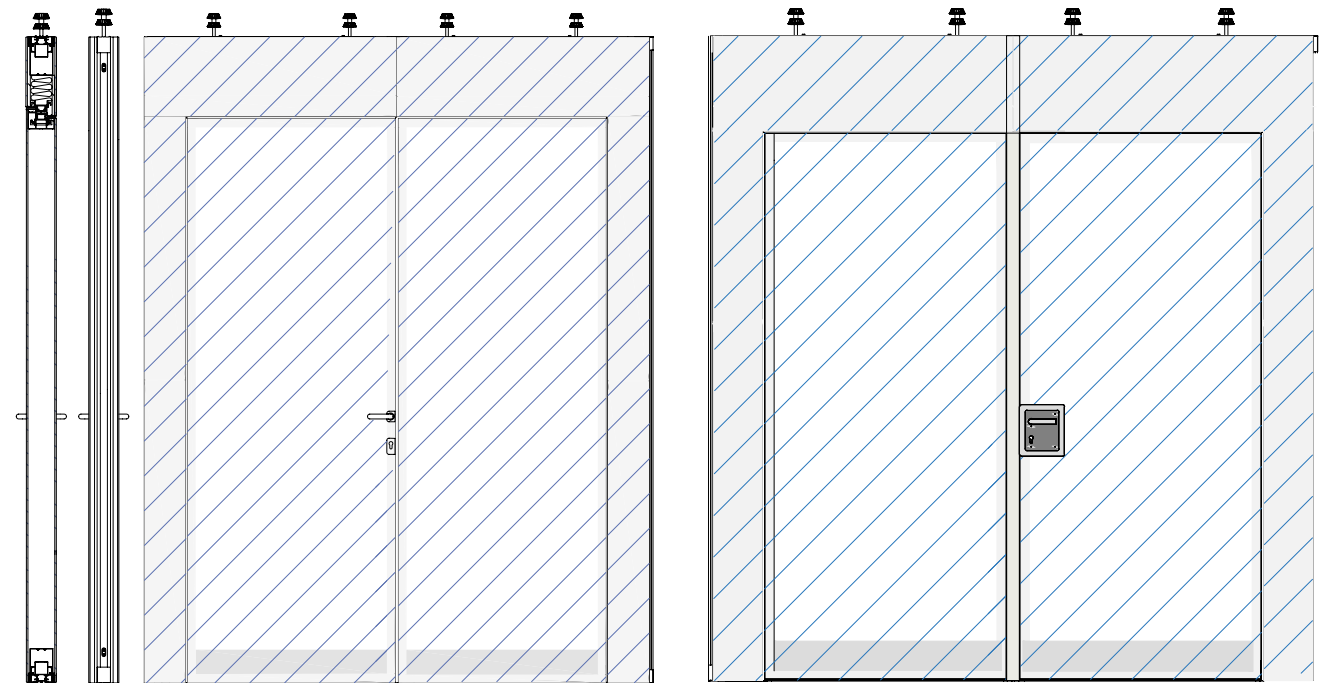


Optional Panic Hardware

STELLA PANELS
DOUBLE INSET PASSDOOR



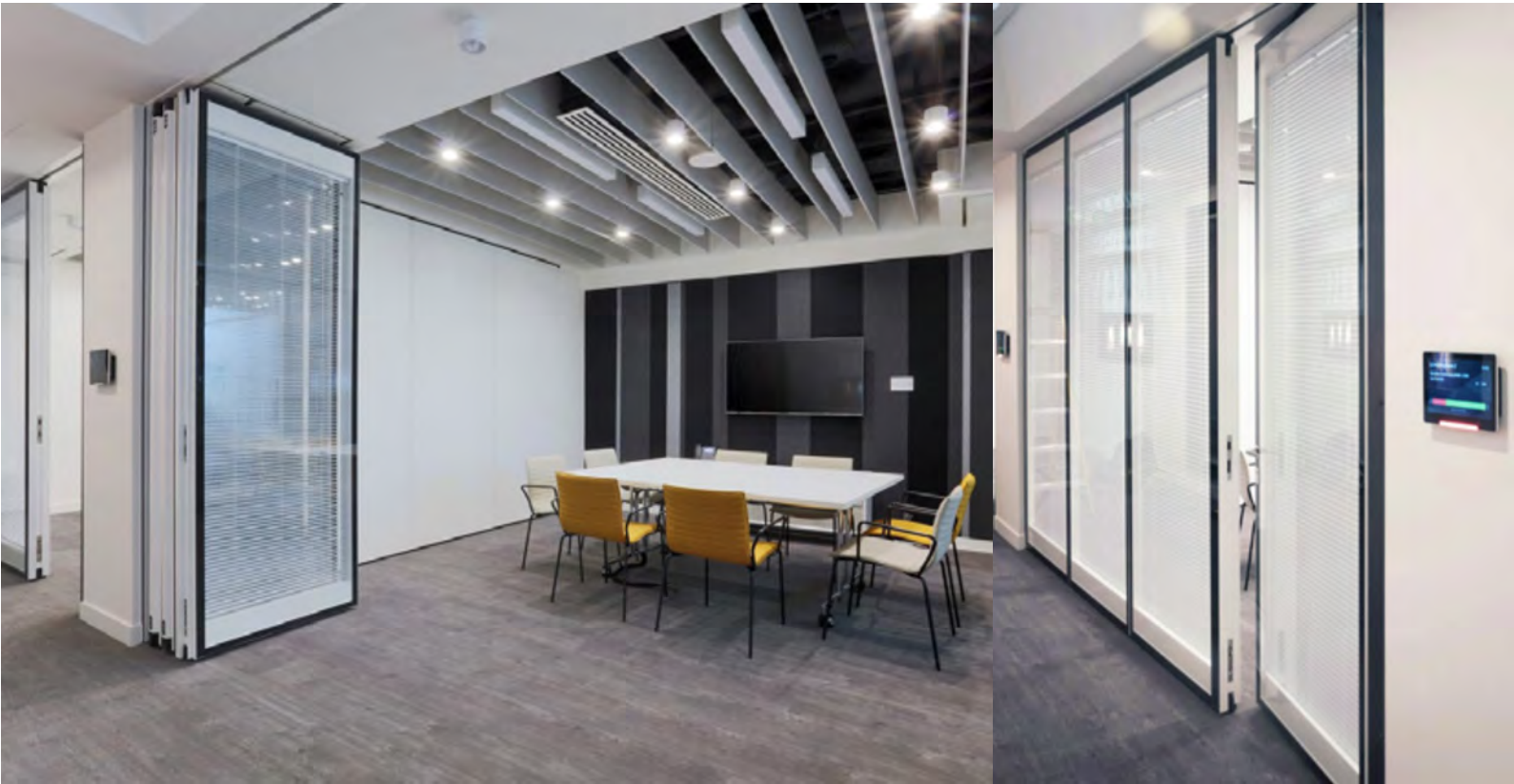
STELLA PANELS
DOUBLE INSET PASSDOOR



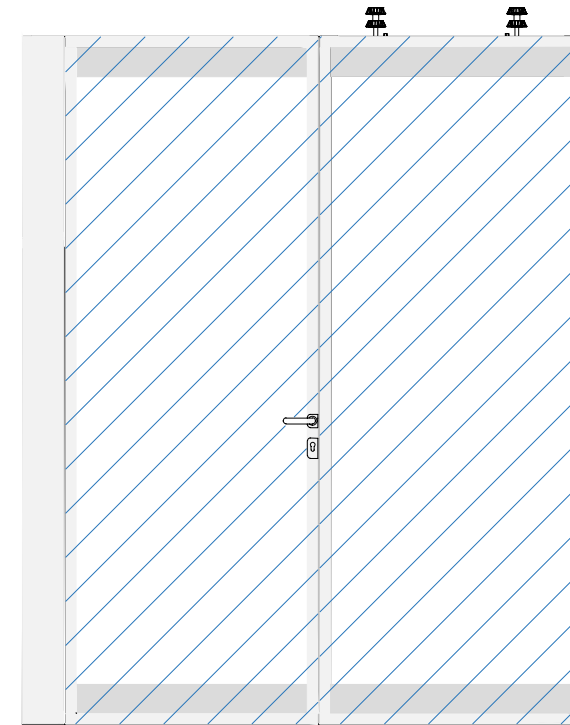
Optional Multiple Passdoors



STELLA PANELS
FULL-HEIGHT HINGED PASSDOOR



STELLA PANELS
FULL-HEIGHT HINGED PASSDOOR



Technical data

Dimensions [mm]

Panel Thickness	4 1/4" [115]	4 11/16" [119]
Panel Widths (range)	33" [840] - 51" [1300]	
Height (máx.)	up to 10' 10" [3300]	14' 9" [4500]

Construction

Glazing	Tempered or Laminated
Options	Electrically controlled blinds Switch, Frosted, Fully Back-Painted Glass
Element connections	Complementary geometry aluminium profiles (Positive - Negative)

Frame profile

Black/White	●
Anodized or RAL colors	○

Equipment details

Semi-Automatic	●
Full-Automatic	○

Suspension

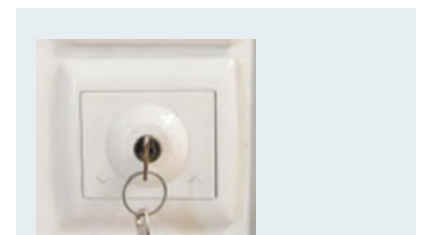
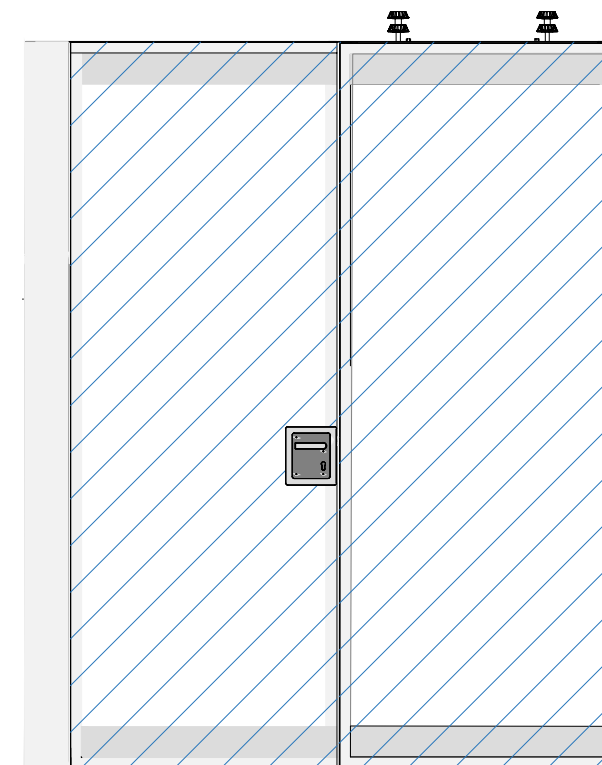
	Single Point Center/ Multi-Directional
--	--

Technical specifications

	STC (dB)	Weight (lbs/ft ²)
Per ISO 10140-2:2010 converted to ASTM E-90 standard*	44	8..00 [39]
	50	9.85 [48]

* Laboratory rate.
In the Fully Automatic Systems a top segmented panel with a minimum height of 18 1/8" [460mm] is required.

● Standard equipment
○ Option



SEMI-AUTOMATIC

Our semi-automatic E-Lock system allows the user to fully lock the panels quickly and safely after positioning by way of an electronic key-switch. This allows the wall to automatically seal at the top and bottom to lock it from movement and to insulate it acoustically. The system runs by way of a quick-action worm screw driven by a 24v actuator powered by a protected power supply (certified fully for safety) battery back-up can be supplied for use in case of a cut in mains electricity.



FRAME & HANDLES

Our inset pass doors are recognized as the most advanced design in the market. All our handles are manufactured in Germany from high-grade stainless steel to exacting standards. Choose a flush handle for solid doors required in areas allowing no protrusion or a pull handle for glazed doors and solid doors in less demanding environments.



HINGE SYSTEM

Our innovative concealed hinge allows full adjustment of the door in three dimensions. The Simonswerk hinge system offers superior engineering and quality with clean aesthetics unmatched by any other manufacturer.

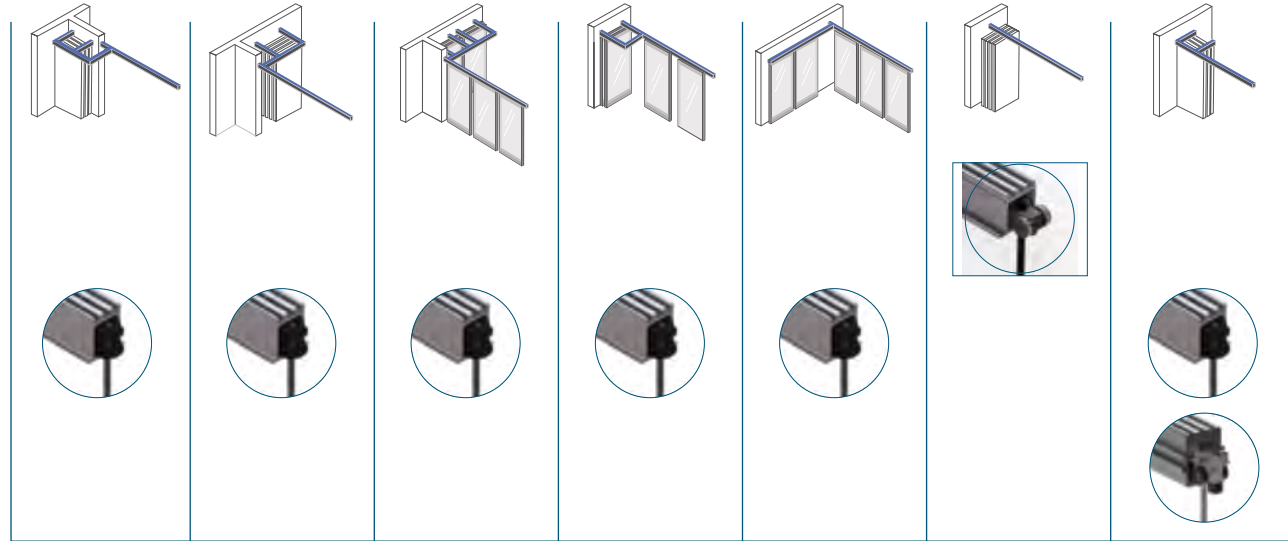


CONTROL DETAILS

Low voltage electrical contacts are housed in our proprietary concave/convex aluminum profiles that guarantee ease of operation and an uninterrupted and safe electrical flow between the panels. The door is equipped with a pressure seal at the bottom, which extends automatically during the closing action of the door.

CEILING TRACK, SUSPENSION TYPES AND STACKING SYSTEMS

Stacking Systems



Ceiling Track

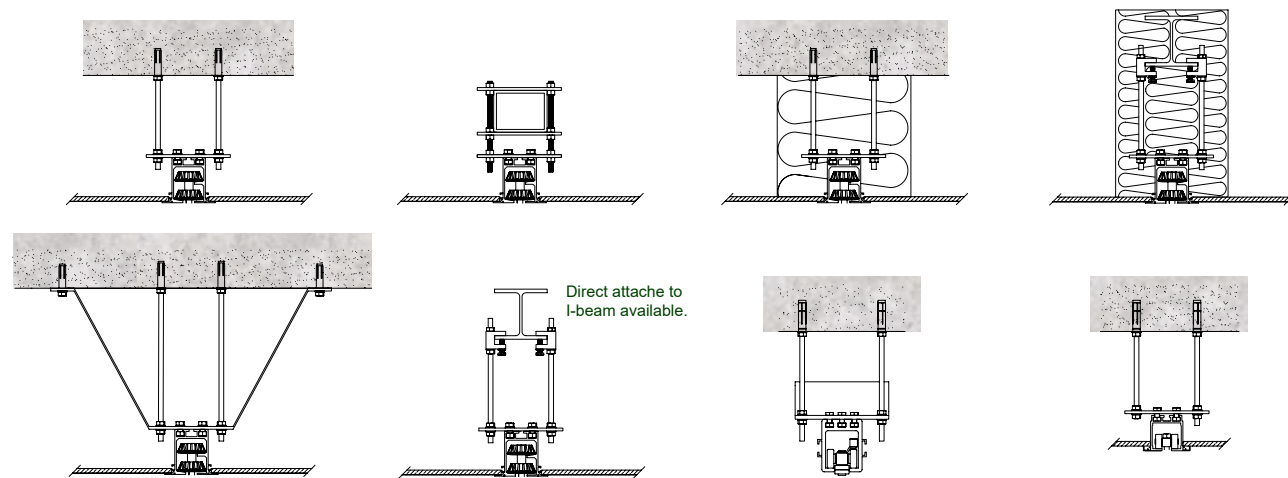
TRACK TYPE UD
Uni-Directional
Aluminum track profiles extruded from architectural grade 6063-T6 alloy. Load bearing capacity: 358Kg per panel.

TRACK TYPE MDS
Standard Multi-Directional
Aluminum track profiles extruded from architectural grade 6063-T6 alloy. Load bearing capacity: 453Kg per panel.

TRACK TYPE MDH
Heavy duty Multi-Directional
Aluminum track profiles extruded from architectural grade 6063-T6 alloy. Load bearing capacity: 850Kg per panel.



SUSPENSION TYPES



Back Painted Writing Surfaces



Full Coverage Back Painted Glass



Automatic Mini Blinds



Switchable Glass



www.kwik-wall.com

4650 Industrial Ave
Springfield, Illinois, 62703
USA

toll free: 800.280.5945 . p. 217.522.5553 . f. 217.522.117



kwinfo@kwik-wall.com



**Partitions &
Accessories Co.**

*Division 10 Building Specialties
Since 1978*

Arizona Distributor / Installer
1220 S. Pasadena, Mesa AZ 85210
480-969-6606 or sales@partitionsco.com