

Transforming Space Into POSSIBILITIES



Luminous Glass Walls from **Kwik-Wall**

Luminous Glass Walls – the industry's most comprehensive and full-featured lineup of movable glass wall products.



MOVABLE WALL SYSTEMS

Luminous Glass Walls from Kwik-Wall



With 5 full-featured models to choose from, the choice is clear! ***Luminous*** glass wall systems from Kwik-Wall combine functional versatility and beauty in a sophisticated and refined style, adding a unique visual element to your space division designs.

Stella™ • Luna™ • Illona™ • Ava™ • Mata™

With best-in-class sound control, panel automation, switchable smart glass, multiple layout and configuration options, and virtually unlimited finishes, *LUMINOUS* Glass Walls combine functional versatility and beauty in a sophisticated and refined style.



Stella

The industry's premium performance glass wall line, *Luminous Stella* glass walls provide up to **50 STC** sound control!

4-5



Luna

At a sleek 2-3/4" (71 mm) aluminum framed panel thickness, *Luminous Luna* sliding and folding, glass partitions combine designer aesthetics with high-performance sound control (43 STC).

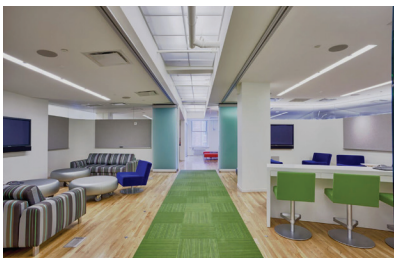
6-7



Illona

The industry's trimmest-framed operable glass wall frame at just 1-3/8" thickness, and with 35 STC sound control *Luminous Illona* takes thin-lined glass wall aesthetics to the ultimate.

8-9



Ava

For uninterrupted visual continuity across your interior space, and when sound isolation is not required, frameless *Luminous Ava* is your answer.

10-11



Mata

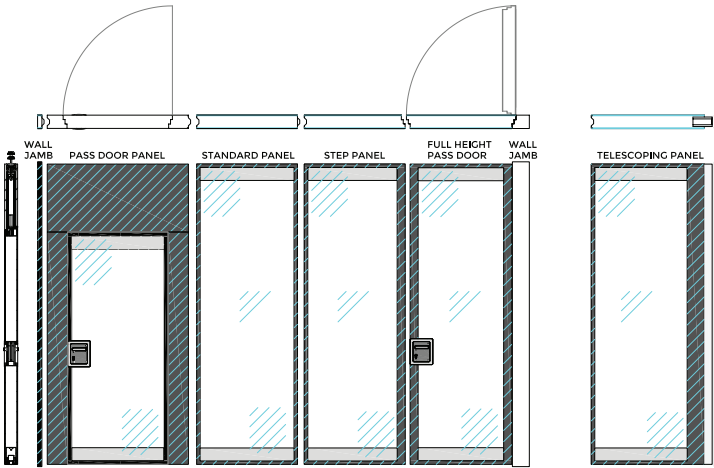
The organic beauty of wood meets the visual clarity and performance of glass to provide the industry's most elegant space division design option in *Luminous MATA* timber framed glass walls

12-13

Luminous Glass Walls from Kwik-Wall

Stella

PANEL ELEVATIONS



Pass Door Options:

single, double, and batwing adjacent pass doors with paired opening configurations.

Option: Panic Hardware



TECHNICAL DATA

Dimensions [mm]

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

Construction

Glazing	Tempered or Laminated
Options	Electronically controlled blinds. Switch, Frosted, Fully Back-Painted Glass

Electric Connection within panel's interlocking astragals.

Frame Profile – Aluminum

Black/White	●
Anodized or	○
RAL Powder Coat Colors	○

Operation

Semi-Automatic	●
Manual / Fully Automatic	○

Suspension

Technical Specifications
Per ISO 10140-2:2010 converted to ASTM E-90 standard *

Single Point Center / Multi-Directional
STC (db) **Weight (lbs./ft.2)**

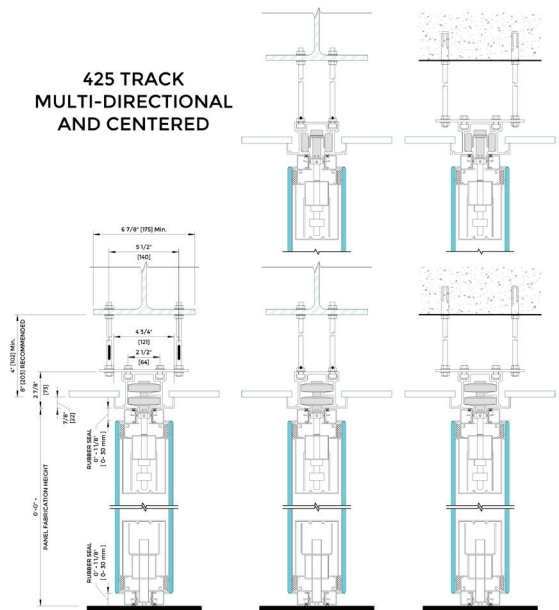
44	8.00 [39]
50	9.85 [48]
	Standard Equipment ●
	Optional ○

* Laboratory rating

Note: Stella fully automated operation requires a top segmented panel

VERTICAL SECTIONS

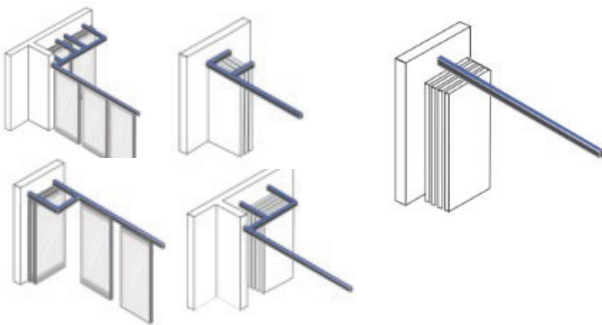
425 TRACK MULTI-DIRECTIONAL AND CENTERED



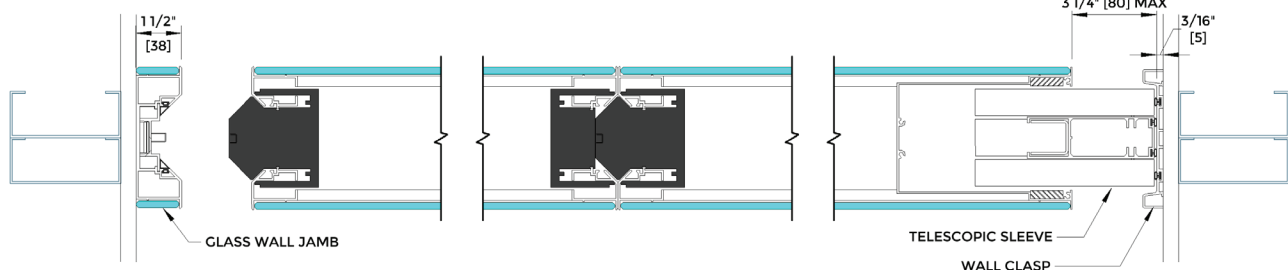
STACKING CONFIGURATIONS

Individual Panels Offset Stacking

Individual Panels Center Stacking



HORIZONTAL DETAILS



STELLA

The industry's premium performance glass wall line!

Luminous Stella provides up to **50 STC** sound-control, in top-supported panel suspension requiring no floor track. Available in either manual operation; semi-automatic or programmable, self-driving operation, Luminous glass walls are available with multiple frame finishes and glass options including switchable smart glass, in panel heights up to 14'-9".

Stella is the star of the Luminous movable glass wall line!

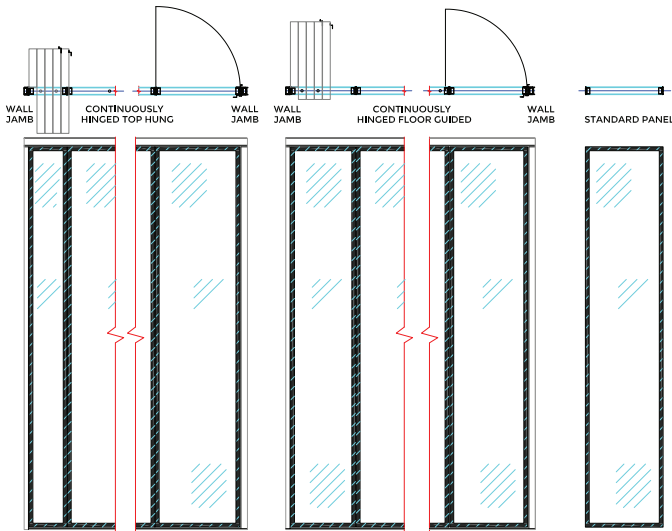


- ▶ Individual panels with fully automatic, semi-automatic, or manual operation.
 - ▶ Full height or inset single and double pass door panels.
 - ▶ Standard Simonswerk concealed hinges.
 - ▶ Solid panels, clear or back-painted glass.
 - ▶ 44 and 50 STC – certified sound control.
 - ▶ Smart, switchable glass and electrically controlled internal blinds.
 - ▶ Opening heights to 14'-9" in unlimited opening widths.
 - ▶ Tempered, laminated, or optional child-safe glass options.
- ▶ Unlimited frame coatings: anodizing, or RAL custom powder coating.
 - ▶ Multiple panel storage options.

Luminous Glass Walls from Kwik-Wall

Luna

PANEL ELEVATIONS



TECHNICAL DATA

Dimensions [mm]

Panel Thickness 2-3/4" [71]
 Panel Widths (range) 41" [1042]
 Height (max.) 10'-10" [3300]

Construction

Glazing Options Tempered or Laminated
 Switch, Frosted, Fully Back-Painted Glass,

Frame Profile

Black/White
 Anodized or
 RAL Powder Coat Colors

Operation

Manual
 Electric-Folding

Suspension

Single Point Center / Multi-Directional,
 Top Hung or Floor Support

Technical Specifications

*Per ISO 10140-2:2010
 converted to ASTM
 E-90 standard

STC (db)
 42-43

Weight (lbs./ft.2)
 6.35

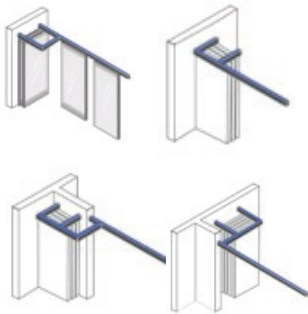
* Laboratory rating

Standard Equipment ●
 Optional ○

PANEL STACKING CONFIGURATIONS

Individual, Multi-Directional

Offset-stack
 Top-hung

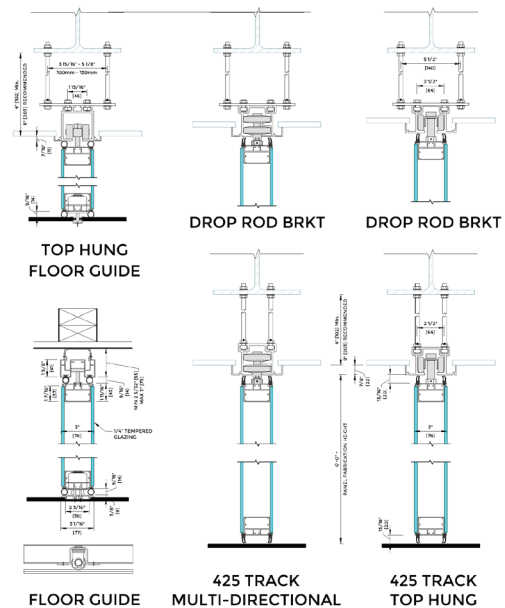


Hinged/Pivoting

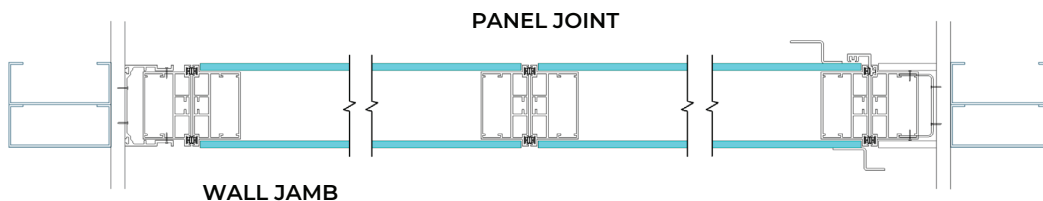
Center stack
 Top-hung



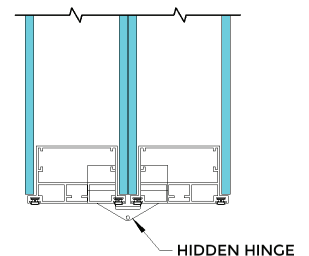
VERTICAL SECTIONS



HORIZONTAL DETAILS



FOLDED PANEL JOINT



LUNA

Luminous Luna Glass Walls perform with beauty!

At a sleek 2-3/4" (71 mm) aluminum framed panel thickness, **Luminous Luna** sliding and folding, movable glass walls combine designer aesthetics with high-performance sound control (43 STC), making it arguably the most performance capable glass wall product on the market today.

Available in top track supported or in floor supported models with low profile floor guides, up to 10'-10" opening height, with tempered, laminated, or switchable smart glass, in multiple frame finishes and with single or double pass door panels, and invisible hinges as standard.

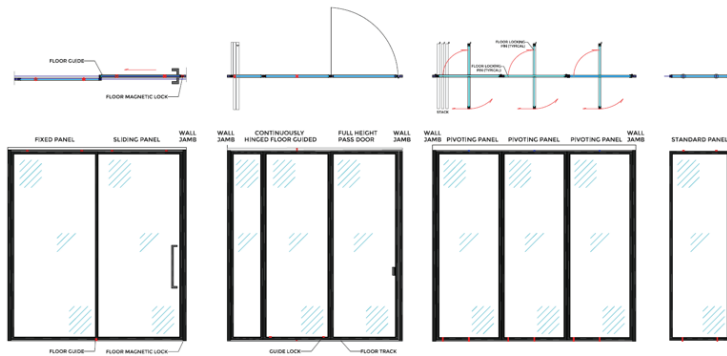


- ▶ Top Hung or Floor supported system.
- ▶ Manual or Optional Electric operation.
- ▶ Numerous configuration and stacking options.
 - ▶ Centerline stacking panels and centerline continuously-hinged panel train.
 - ▶ Hinged closure pass door panel options at opening perimeters.
- ▶ Standard invisible hinges ensure aesthetic continuity across the entire opening.
 - ▶ Jet Black (RAL 9005) or Pure White (RAL 9010) standard frame colors
- ▶ Frame finishes include intumescent ink, anodized, or custom RAL color powder-coating
 - ▶ Back-Painted glass writable surfaces Including pass door panels and glazing.

Luminous Glass Walls from Kwik-Wall

Illona

PANEL ELEVATIONS



TECHNICAL DATA

Dimensions [mm]

Panel Thickness	1-3/8" [35]
Panel Widths (range)	47-1/4" [1200]
Height (max.)	9'-10" [3000]

Construction

Glazing	Clear Tempered or Laminated Glass	Thickness 3/8" [10]
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Frame Profile

Black/White	●
Anodized or	○
RAL Powder Coat Colors	○

Operation

Manual

Suspension

Single Point Center / Multi-Directional,

Technical Specifications

Acoustical Performance

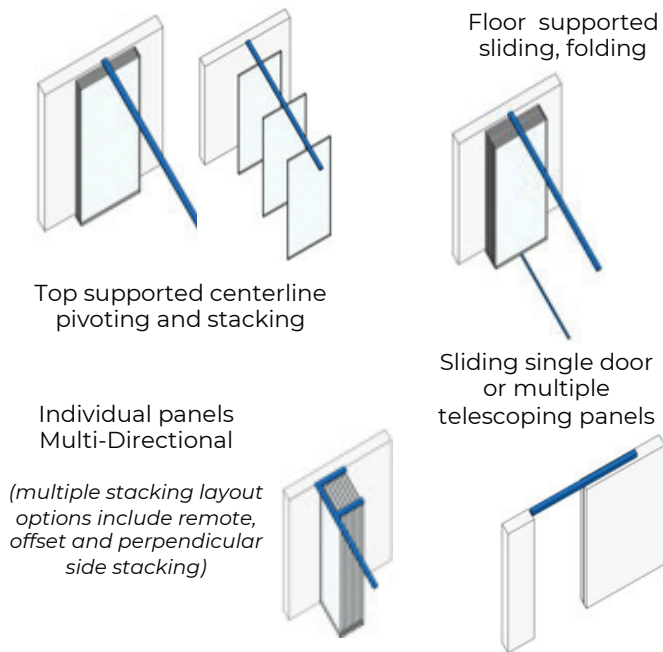
STC (db)
Est. 35

Weight (lbs./ft.2)

6.25 (3/8" glass
Standard Equipment
Optional

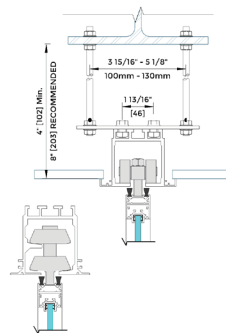


PANEL STACKING CONFIGURATIONS



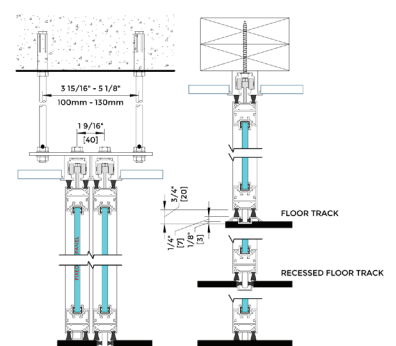
VERTICAL SECTIONS

DROP ROD BRKT



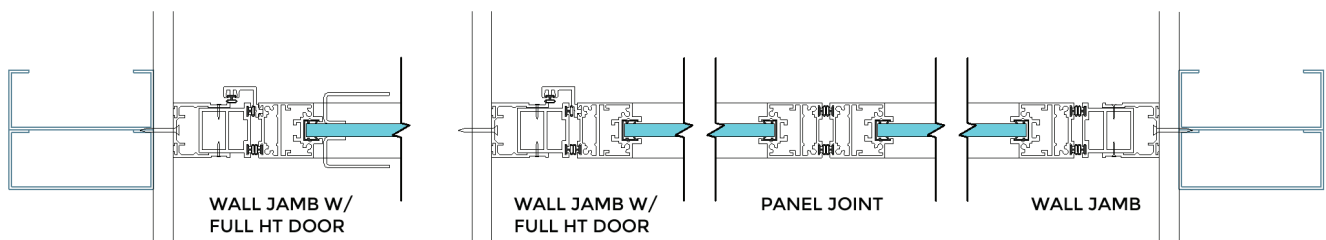
MULTI-DIRECTIONAL

DIRECT ATTACHED



SLIDING/PIVOTING PANELS

HORIZONTAL DETAILS



ILLONA

Luminous Illona Glass Walls provide maximum flexibility!

Boasting the industry's trimmest-framed operable glass wall at just 1-3/8" thickness, **Luminous Illona** takes thin-lined glass wall aesthetics to the ultimate, while still providing acoustic separation with estimated 35 STC sound control.

Luminous Illona is available in top-supported, individual panels with twin carrier suspension, or with pivoting panels on single, centered carriers, and in floor-supported, top guided continuously-hinged panel train configurations.

Luminous Illona glass walls provide maximum flexibility in layout, configuration, and structural support capabilities in an aesthetically pleasing, narrow-framed glass wall system.

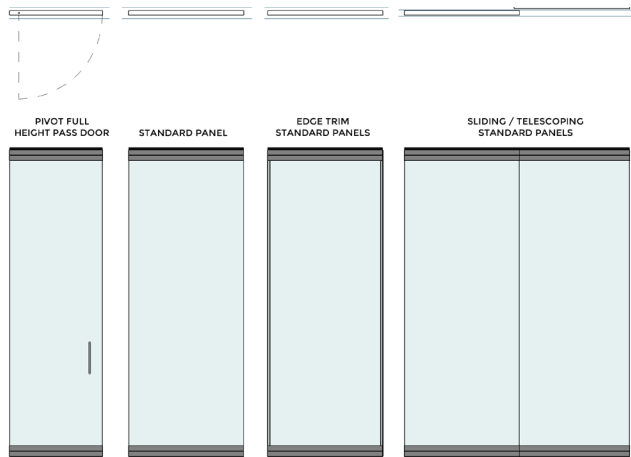


- ▶ Thinnest movable glass wall frame available in the industry.
 - ▶ Opening heights to 9'-10" in unlimited opening widths.
- ▶ Full-height hinged panel closure at opening perimeter walls.
 - ▶ Manual operation with top or floor support models.
- ▶ Individual, multi-directional panels with multiple stacking options, and centerline stacking pivoting panels or centerline continuously-hinged panel train.
 - ▶ Floor support models have low-profile beveled floor guide trim.
 - ▶ Unique, simple-to-engage floor lock/latch system.
- ▶ Standard invisible hinges ensure aesthetic continuity across the entire opening.

Luminous Glass Walls from Kwik-Wall

Ava

PANEL ELEVATIONS



TECHNICAL DATA

Dimensions [mm]

Panel Thickness	1-13/32" [36]
Panel Widths (range)	48" Nominal [1219]
Height (max.)	10'-6" [3200]

Construction

Glazing

Tempered or Laminated, including Clear, Opaque Sandblasted and writable laminated glass

Frame Profile

Clear Anodized
RAL Powder Coat Colors

Operation

Manual

Suspension - Top Supported

Single Point Center - Hinged Paired Panels
Dual-Carrier offset - Individual Panels

Technical Specifications

STC (db) **Weight (lbs./ft.2)**

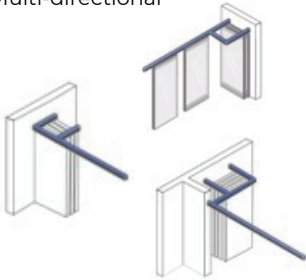
Non-Acoustic 7.35 [187]

Standard Equipment
Optional

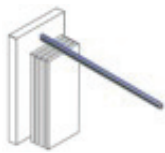
* Optional acoustic edge-trim can achieve 35 STC per AST E-90

PANEL STACKING CONFIGURATIONS

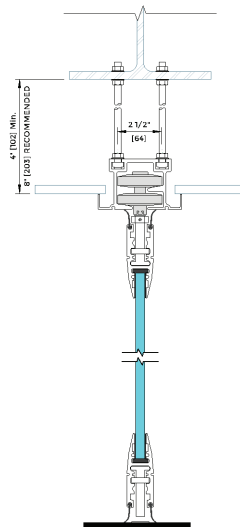
Individual Panels, Offset Stack
Multi-directional



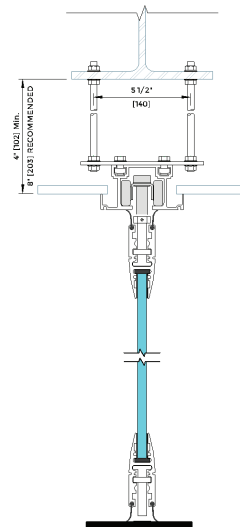
Hinged Paired Panels,
Center Stack



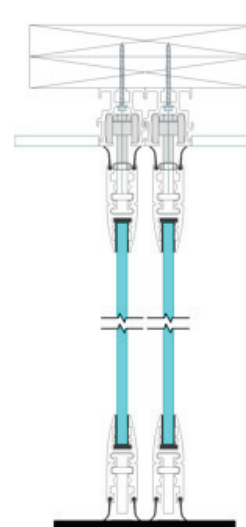
VERTICAL SECTIONS



425 Track
Multi-Directional
Panels

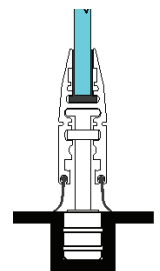


425 Track
Hinged Paired Panels
Drop Rod Brkt

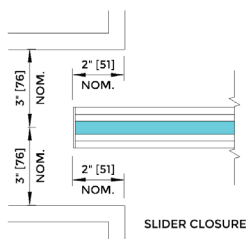


Telescoping
Panels

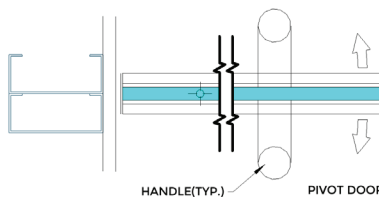
Floor Pin w/ Recessed
Dust Proof Strike



HORIZONTAL DETAILS

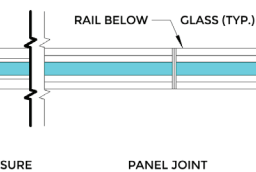


SLIDER CLOSURE

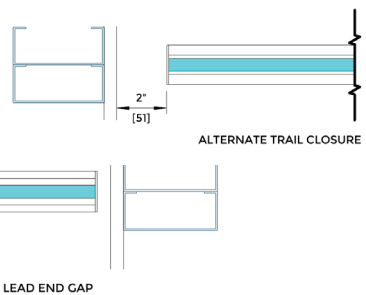


HANDLE(TYP.)

PIVOT DOOR CLOSURE



PANEL JOINT



LEAD END GAP

ALTERNATE RAIL CLOSURE

AVA

Crystal-clear panoramic viewing with *Luminous Ava*!

For uninterrupted visual continuity across your interior space when sound isolation is not required, **Luminous Ava** is your answer. Ava panels have secure horizontal top and bottom rails, and when fitted to our performance-proven track and carrier systems, glide across your room quickly and quietly to minimize set-up time and maximize utility. Individual or paired panels can have unlimited storage location possibilities to fit your design criteria. If crystal-clear panoramic viewing across your space is what your project requires, look no further than Kwik-Wall's **Luminous Ava** glass.

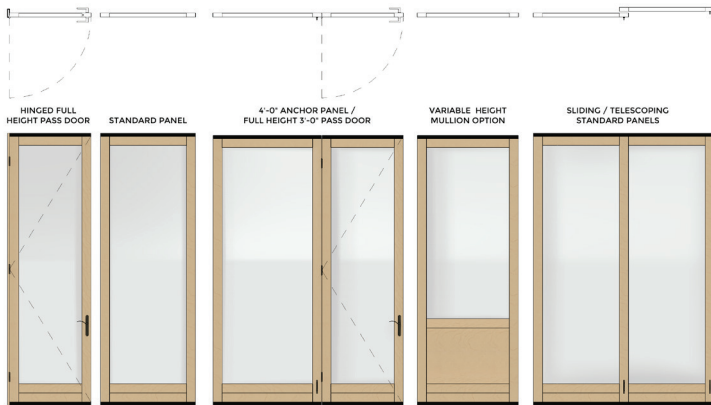


- ▶ Multiple glass options including clear, opaque, sandblasted and writable laminated glass.
 - ▶ Top supported – no floor track required.
 - ▶ Full-height pivot panel closure at opening perimeters.
- ▶ Parallel or side stacking individual panels with two carriers for one-hand easy set-up.
 - ▶ Smooth-transition 90-degree track intersections.
- ▶ Hardware options include polished chrome, satin nickel, antique or polished brass, oil-rubbed bronze, matte black, or custom RAL color powder coating.
- ▶ Flush cup floor pins serve to interlock panels for secure rigid positioning when in use.
 - ▶ Fixed in place panel options available.

Luminous Glass Walls from Kwik-Wall

Mata

PANEL ELEVATIONS



Full height 3'0" pass door panels are locatable at either perimeter wall, hinged to a fixed wall jamb OR hinged to any 4'-0" intermediate panel.

TECHNICAL DATA

Dimensions [mm]

Panel Thickness 1-3/4" [44.45]
 Panel Widths (range) 48" [1219]
 Height (max.) 10'-2" [3099]

Construction

Glazing

1/4" [6.35] or 5/16" [7.93] material tempered, laminated, translucent or decorative glass low-iron tempered

Frame Profile

Triple Laminated
 Red Oak and Maple
 Poplar painted white or black
 Other species optional

Operation

Manual

Suspension – Top Supported

Single Point Center – Hinged Paired Panels
 Dual-Carrier offset – Individual Panels

Technical Specifications

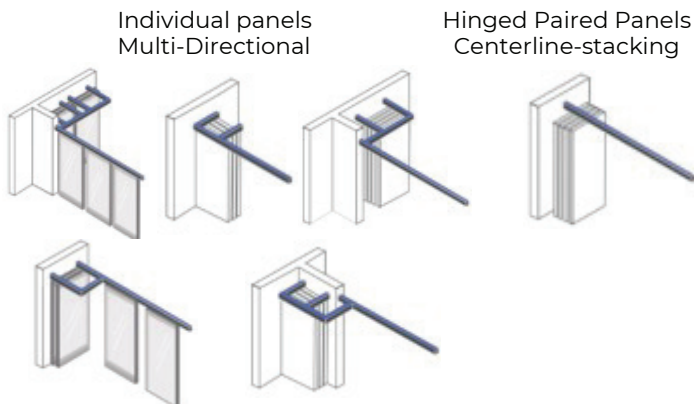
STC (db)

Non-Acoustic

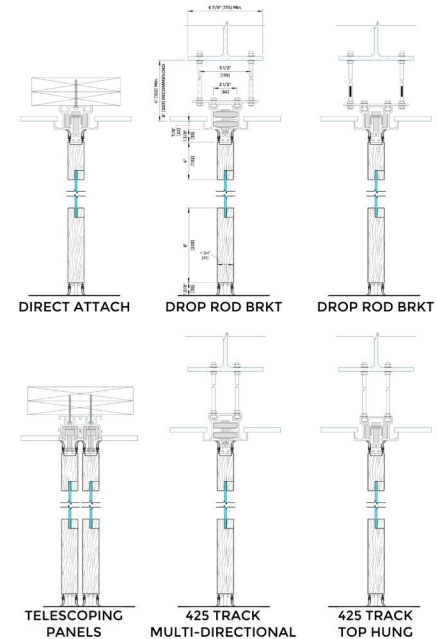
Weight (lbs./ft.2)

1/4" glass 7.0 5/16" glass 7.2
 Standard Equipment
 Optional

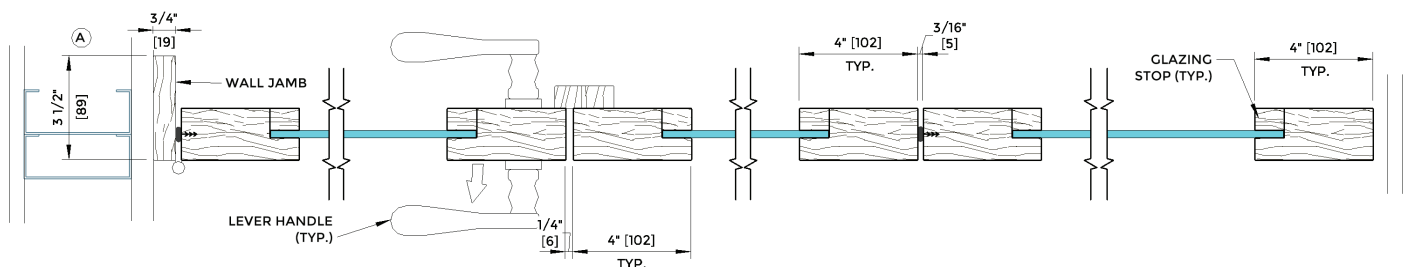
PANEL STACKING CONFIGURATIONS



VERTICAL HEAD SECTIONS



HORIZONTAL DETAILS



MATA

The beauty of wood meets the clarity and performance of glass!

Luminous Mata walls from Kwik-Wall provide the industry's most elegant, organic design options. Indulge your design with frame options in Red Oak and Maple, finished in four stain colors. Overhead track-supported panels require no floor track to glide quietly across your opening, and Mata's sleek 1-3/4" thick frame provides a compact storage footprint. Multiple glazing options include decorative glass, and designer hardware in polished chrome, satin nickel, antique or polished brass, oil-rubbed bronze or matte black, providing the quality finishing touches to the classic timber charm of **Luminous Mata**!



- ▶ Bi-pass Individual panels or center stacking, hinged-paired panel configurations.
 - ▶ Opening heights to 10'-2" in unlimited opening widths.
 - ▶ 1-3/4" nominal panel thickness, with triple laminated frame construction.
- ▶ Operable full-height 3'0" pass doors locatable anywhere in opening (individual panels).
 - ▶ Top supported, no floor tack required.
 - ▶ Mortised, edge-activated floor pins for stability and security.
- ▶ Glazing options accommodate 1/4" – 5/16" material thickness and include tempered, laminated, low-iron tempered translucent or decorative glass.

Luminous Glass Wall *Kwik-Guide*

SPECIFICATIONS		STELLA	LUNA	ILLONA	AVA	MATA
CONFIGURATION	Individual Panels	YES	YES	YES	YES	YES
	Centerline, Hinged Paired Panels	N/A	YES	N/A	N/A	YES
	Continuously-Hinged Panels	N/A	YES	YES	N/A	N/A
	Pivoting & Stacking Individual Panels	YES	N/A	YES	N/A	N/A
	Single & Telescoping Slider Doors	N/A	N/A	YES	N/A	N/A
OPERATION	Manual	YES, fixed seals	YES	YES	YES	YES
	Automated, Programmable Self-Driving, Self-Locating Panels E-Lock Final Closure	YES	N/A	N/A	N/A	N/A
SOUND CONTROL	ISO/STC Ratings	44 & 50	43	35	Non-Acoustic	Non-Acoustic
SUSPENSION	Top Supported	YES	YES	YES	YES	YES
	Floor Supported	N/A	YES	YES	N/A	N/A
PANELS	Panel Width	51" (1300 mm)	41-3/8" (1050 mm)	47-1/4" (1200)	48" (1219 mm)	48" (1219 mm)
	Frame Thickness	4-1/2" (115 mm) or 4-11/16" (119 mm)	2-3/4" (71mm)	1-3/8" (35mm)	1-7/16" (36.5 mm)	1-3/4" (44.45 mm)
	Max. Panel Height	10'10" (3302 mm) @ 44 & 50 STC "14-'9" (w/ interrupted glass)	10'-10" (3302 mm)	9'-10" (3000 mm)	10'-6" (3200 mm)	10'-2" (3098 mm)
PASS DOORS	Single, Double	YES - Single, Double	YES - Single, Double	YES - Single, Double	N/A N/A	YES 3'0" full ht. hinged to adjacent panel
	Full Height Hinged Closure	YES @ Opening Perimeters	YES @ Opening Perimeters	YES @ Opening Perimeters	YES @ Opening Perimeters	YES @ Opening Perimeters
OPTIONAL SOLID FACES	MDF Backed Melamine or HPL	YES	YES	N/A	N/A	N/A
OPENING	Veneer (confirmed)	N/A	N/A	N/A	N/A	Yes
OPTIONAL MINI-BLINDS	Inside Glass	YES	YES	N/A	N/A	
OPENING	Max Opening Width	Unlimited	Variable	Variable	Unlimited	Unlimited
WEIGHT	Per. / sq. foot	9.8	5.7 - 6.3	5.1 - 6.1	7.35	7.5 - 8.0
HINGING	Full-leaf Butt Hinges	N/A	N/A	N/A	N/A	Optional
	Invisible Hinges	Standard	Standard	Standard	N/A	Optional

Luminous Glass Wall *Kwik-Guide (continued)*

SPECIFICATIONS		STELLA	LUNA	ILLONA	AVA	MATA
FRAME TYPE	Aluminum Extrusion	Aluminum Extrusion	Aluminum Extrusion	Aluminum Extrusion	Aluminum Extrusion	N/A
	Wood (Triple Laminated Wood Frames)	N/A	N/A	N/A	N/A	Red Oak, or Maple in four stain finishes, or Poplar, painted white or black
	Frame Finish Options	RAL powder coat. Anodizing, Intumescent ink	RAL powder coat. Anodizing, Intumescent Ink	RAL powder coat, Intumescent Ink	Clear Satin Anodized	also available in custom finishes Clear Satin Anodized
GLASS	Types Available	Tempered, Laminated Glass, Switchable, Child-Safe Fully Back-Painted	Tempered, Laminated Glass, Switchable, Child-Safe Fully Back-Painted	Tempered, Laminated Glass Back-Painted Glass	3/8 or 1/2" Clear Tempered Glass	1/4" [6mm] Tempered Glass 5/16" [8mm] Laminated Glass Custom Glass Options
TRACK TYPE & FINISH OPTIONS	Structural Aluminum Extrusion	Clear Anodized or Powder Coat RAL Colors	Clear Anodized or Powder Coat RAL Colors	Clear Anodized or Powder Coat RAL Colors	Clear Satin Anodized	Clear Satin Anodized
FINAL CLOSURE	Final Closure Options Mounted Telescoping	Panel or Wall-Panel Jamb	Hinged Closure Panel	Hinged Closure Pivot Panel	Std. Fixed Optional Fixed Swing Panel	Hinged Closure Panel
SECURITY	Locking Options	EN 1303 Compliant 5 Pin cylinder	EN 1303 Compliant 5 Pin cylinder	Floor Locking System	Face-Mount Floor Key	Adams-Rite Keyed Floor Lock
TRACK - TOP SUSPENSION	Track Finish Options	Std. Black or White, other RAL Options	Std. Black or, White, other RAL Options	Std. Black or, White, other RAL Options	Clear Satin Anodized Aluminum	Clear Satin Anodized Aluminum
FLOOR GUIDE	Available / Optional	N/A	Optional	Optional	N/A	N/A
SEALS	Bottom Seals	Electric Automatic, Fixed Vinyl Sweeps	Vinyl - Fixed Bulb (floor supported) or Fixed Flexible (top-supported)	Fixed Brush Seals	Fixed Brush Seals	Fixed Flexible Vinyl
	Top Seals	Electric Automatic, Fixed Vinyl Sweeps	Vinyl - Fixed Bulb (floor supported) or Fixed Flexible (top-supported)	Fixed Brush Seals	Fixed Brush Seals	Fixed Flexible Vinyl



OUR COMMITMENT

Kwik-Wall Company is committed to sustainable construction practices and the Luminous™ movable glass wall products further support this commitment. Luminous glass walls can contribute to achieving LEED® goals within the following categories:

MR Credit 3.1/3.2 — Material Re-Use

MR Credit 4.1/4.2 — Recycled Content

EQ Credit 4.1 /4.2/4.4 — Low Emitting Materials

EQ Credit 8.1/8.2 — Daylight & Views

EQ Credit 10 – Acoustic Performance

Kwik-Wall's STELLA and LUNA glass wall systems require back-painted glass which uses a technically revolutionary VIDREA BIO paint. VIDREA BIO is comprised of up to 70% renewable "waste" vegetable matter in lieu of fossil-derived chemistry specially formulated for painting glass. The paints are very low-VOC meeting A+ European emission standards and have superior adhesion properties.



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MOVABLE WALL SYSTEMS