

Kinetic

Product Data Sheet





Key
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Product facts

- Family of four sliding glass doors: Lite, Seal, Aero and Align
- Framed and frameless options to suit acoustic requirements
- Kinetic Seal, Aero and Align can accommodate a lock

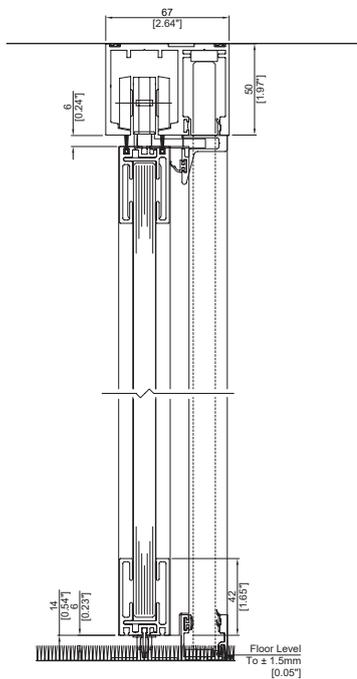
- High-quality, low-carbon aluminum framework
- Manufactured at Optima's UK factory and fabricated in the US

Deflection

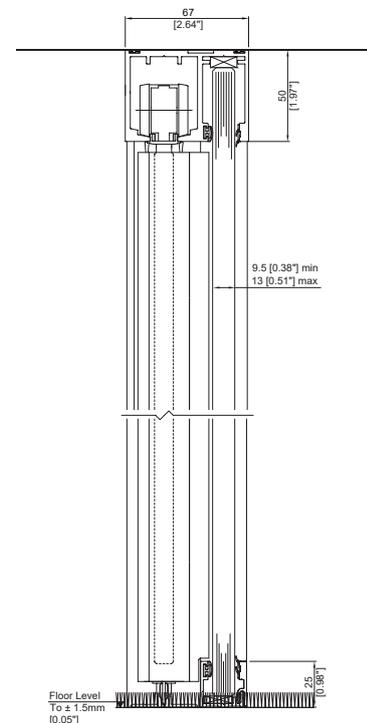
- Can accommodate up to $\pm 25\text{mm}$ (0.98") deflection

Acoustics

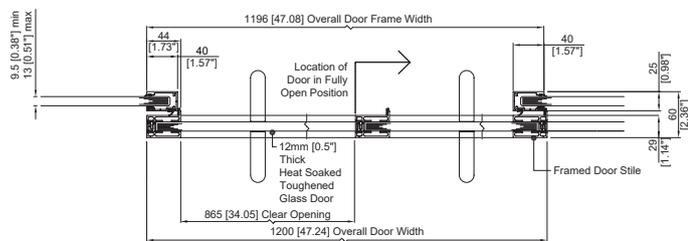
- Seal: Rw24dB - 10mm (0.39") Kinetic door in 12.8mm (0.5") acoustic laminated screen
- Aero: Rw33dB - 10mm (0.39") Kinetic door in 12.8mm (0.5") acoustic laminated screen
- Align: Rw36dB - 12mm (0.47") Kinetic door in 12.8mm (0.5") acoustic laminated screen



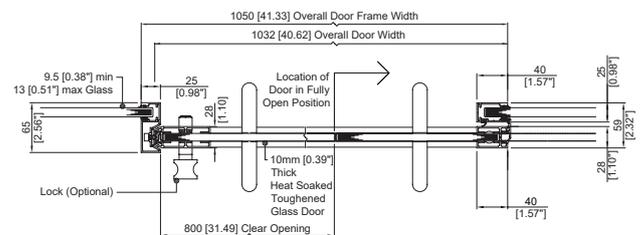
SECTION THROUGH SCREEN OF SINGLE GLAZED
KINETIC ALIGN SLIDING DOOR
NO DEFLECTION



SECTION THROUGH SCREEN OF SINGLE GLAZED
KINETIC AERO SLIDING DOOR
NO DEFLECTION



KINETIC ALIGN SINGLE GLAZED
SLIDING DOOR



KINETIC AERO SINGLE GLAZED
SLIDING DOOR

Product overview

System type	Sliding doors, single glazed
Head detail	Standard aluminum sliding door head channel incorporating single glazed screen 50mm (1.96") x 67mm (2.63")
Base detail	Standard 25mm (0.98") aluminum base channel for fixed single glazed screen
Deflection head options	2-part deflection heads: ±25mm (0.98") - 94mm (3.70") deep aluminum channel
Max. door width	1100mm (43.30") wide - Kinetic Lite, 1050mm (41.33") - Kinetic Seal, 1200mm (47.24") - Kinetic Aero and Kinetic Align
Locking options	Kinetic Seal - hook lock - Kinetic Aero - internal hook lock in leading stile of door, Kinetic Align - Optima lock housing with internal hook lock
Glass thickness	12.8mm (0.5") thick glass available as standard, subject to panel width, height and acoustic rating
Glass to glass joint options	Nebula®, aluminum, ghost and taped dry joints available for fixed single glazed screen
Acoustic rating	Rw24dB - Kinetic Seal, 10mm (0.39") door in 12.8mm (0.5") acoustic laminated screen Rw33dB - Kinetic Aero, 10mm door (0.39") in 12.8mm (0.5") acoustic laminated screen Rw36dB - Kinetic Align, 12mm (0.47") door in 12.8mm (0.5") acoustic laminated screen

Product Comparison

Partition/ Wall Range	Acoustics STC/ RwdB up to max value	Single/ Double Glazed		Head Track/Floor Track					Deflection head options ±25mm (0.98")/40mm (1.57")		
		Single	Double	25mm (0.98") Depth	50mm (1.96") Depth	25mm (0.98") Width	36mm (1.41") Width	40mm (1.57") Width	Internal	External	
Revolution 100, PurOptima Adaptable Wall & Shoreditch Edition	Rw51dB	✓	✓	✓	✓					✓	✓
Revolution 54 Plus & Shoreditch Edition	STC 46	✓	✓	✓	✓						✓
PurOptima 117 Plus & Shoreditch Edition	Rw38dB	✓		✓	✓	✓	✓	✓	✓	✓	✓

Range of RAL colors and special paint finishes, powder coated or anodized

Door Range	Acoustics STC/ RwdB up to max value	Single/Double Glazed		Swing or sliding		Compatible with		
		Single	Double	Swing	Sliding	PurOptima 117 Plus	Revolution 54 Plus	Revolution 100
Kinetic	Rw36dB	✓			✓	✓		
Axile	Rw33dB	✓		✓		✓		
Edge	Rw42dB	✓	✓	✓		✓	✓	✓
Elite	Rw45dB		✓	✓	✓			✓
Timber	Rw33dB		n/a	✓		✓	✓	✓

Range of RAL colors and special paint finishes, powder coated or anodized

Range of door hardware including pull/lever handles, locks and hinges

PurOptima