

Architectural Expansion Joint Systems

REACT 500/600

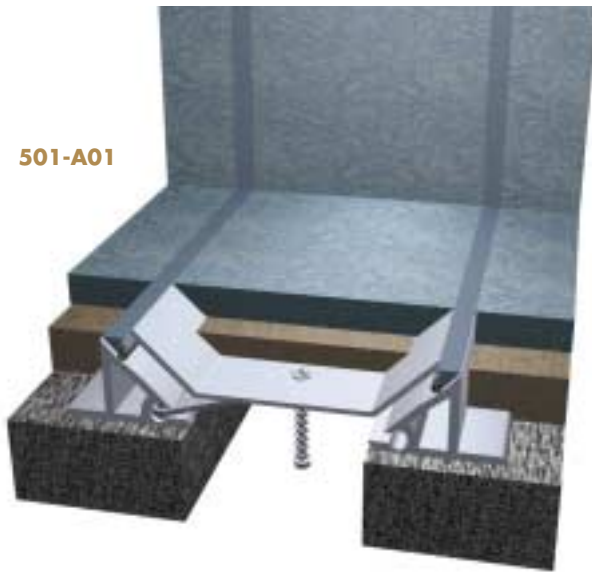


React 500 Series

Seismic "Pop-Up" System for Floors and Walls

Joint Widths 25mm to 500mm

501-A01



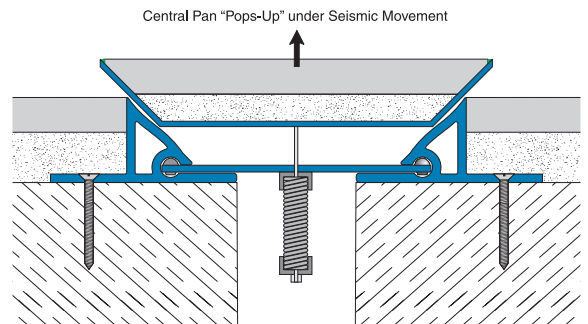
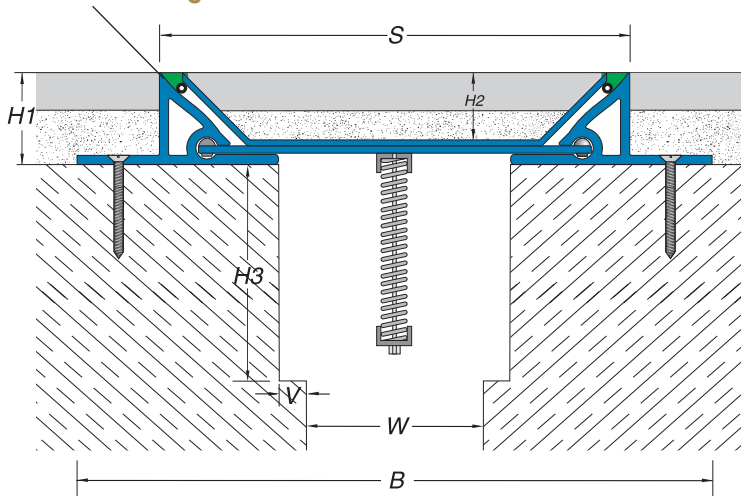
- Ideal for high grade marble, granite and limestone finishes
- "Zero sightline" system favored by interior designers
- Seal caulk matches grout lines
- Centering bar correctly repositions pan after movement
- Integrates floors and walls with the same system
- Easy onsite assembly and installation
- Patent applied for
- Load rated

OPTIONS Vapour Barrier
Fire Rated
Custom Pan Depths

Separate installation datasheet available

501-A01-100 Floor/Floor and Wall/Wall

Sealant Caulking



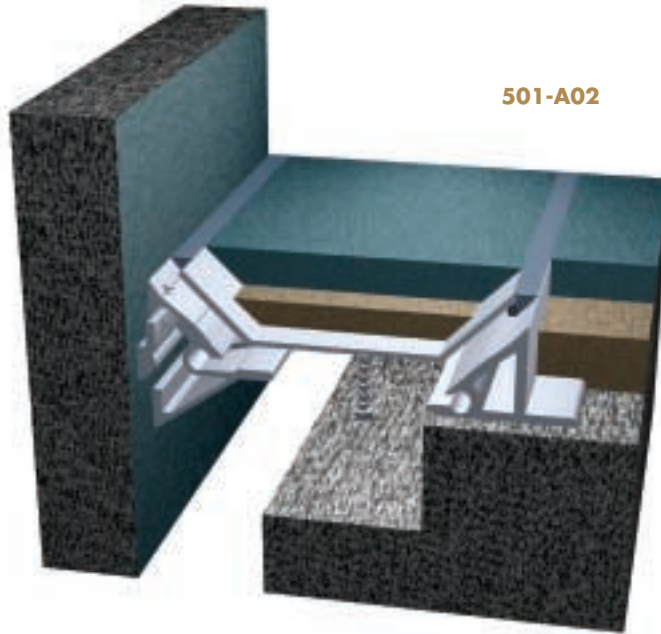
Application	Style	W	H1	H2	S	B	V	H3	Movement ±		Load
		Width	Height 1	Height 2	Sightline	Blockout	Undercut	Undercut	Horizontal	Vertical	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN
Floor/Floor	501-A01-025	25	50	38	181	280	13	125	25	3	25
	501-A01-050	50	50	38	206	305	13	125	50	6	25
	501-A01-075	75	50	38	232	330	13	125	75	9	15
	501-A01-100	100	50	38	257	355	13	125	100	12	HP
	501-A01-150	150	50	38	308	410	13	125	150	19	HP
	501-A01-200	200	50	38	359	460	13	125	200	25	HP
Wall/Wall	501-A07-025	25	50	38	181	280	13	125	25	3	25
	501-A07-050	50	50	38	206	305	13	125	50	6	25
	501-A07-075	75	50	38	232	330	13	125	75	9	15
	501-A07-100	100	50	38	257	355	13	125	100	12	HP
	501-A07-150	150	50	38	308	410	13	125	150	19	HP
	501-A07-200	200	50	38	359	460	13	125	200	25	HP

Shear movement - unlimited.
For gap widths 201mm to 500mm, please contact the factory.

React 500 Series

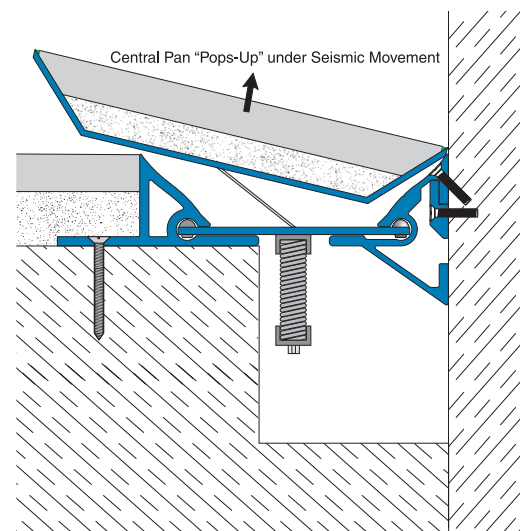
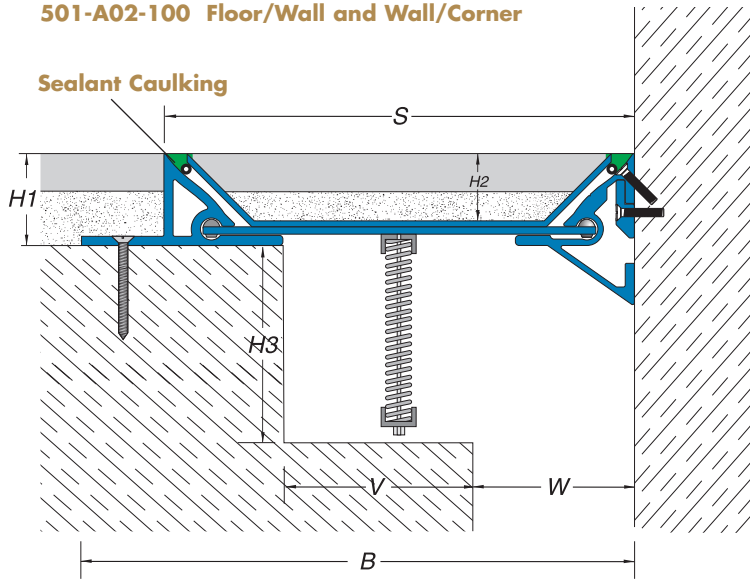
Seismic "Pop-Up" System for Floor to Wall and Corner Wall

Joint Widths 25mm to 500mm



501-A02

501-A02-100 Floor/Wall and Wall/Corner



Application	Style	W	H1	H2	S	B	V	H3	Movement ±		Load
		Width	Height 1	Height 2	Sightline	Blockout	Undercut	Undercut	Horizontal	Vertical	
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN
Floor/Wall	501-A02-025	25	50	38	181	230	90	125	25	3	25
	501-A02-050	50	50	38	206	270	90	125	50	6	25
	501-A02-075	75	50	38	232	300	90	125	75	9	15
	501-A02-100	100	50	38	257	320	90	125	100	12	HP
	501-A02-150	150	50	38	308	370	90	200	150	19	HP
	501-A02-200	200	50	38	409	470	141	200	200	25	HP
Corner Wall	501-A09-025	25	50	38	181	230	90	125	25	3	25
	501-A09-050	50	50	38	206	270	90	125	50	6	25
	501-A09-075	75	50	38	232	300	90	125	75	9	15
	501-A09-100	100	50	38	257	320	90	125	100	12	HP
	501-A09-150	150	50	38	308	370	90	200	150	19	HP
	501-A09-200	200	50	38	409	470	141	200	200	25	HP

Shear movement - unlimited.
For gap widths 201mm to 500mm, please contact the factory.

React 600 Series

Wall and Ceiling Seismic Systems with Coloured Seals

Joint Widths 50mm to 600mm

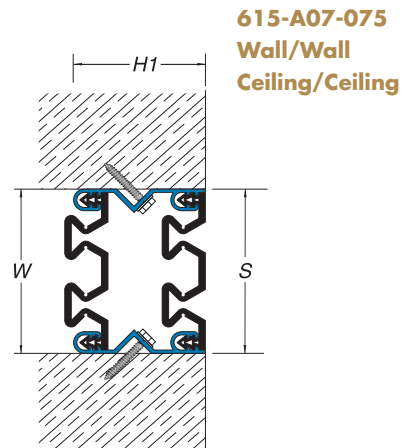
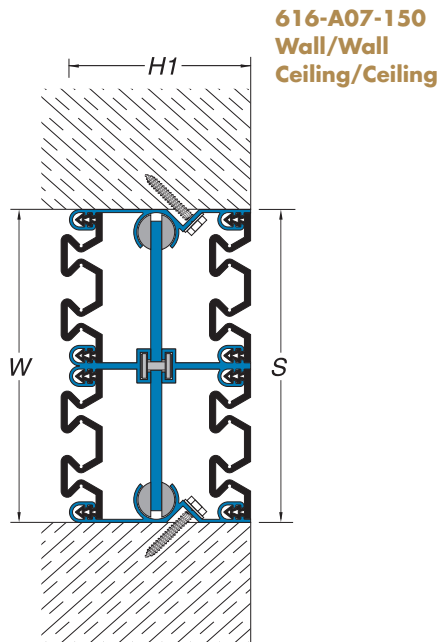


616-A07 Wall/Wall

- Flush fit interior or exterior seismic wall system
- Adhesive or heat weld Santoprene seals for weather tight transitions
- 3 components for interior use, 4 components for exterior - additional back seal
- For gap widths greater than 100mm a centering bar system retains seals in place to resist wind load
- Patent number 508.042.8 applies

OPTIONS Fire Rated.

Separate installation datasheet available



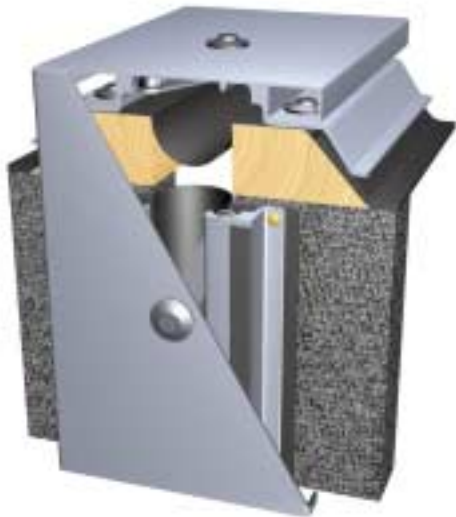
Application	Style	W Width mm	H1 Height mm	S Sightline mm	Movement ±	
					Horizontal mm	Vertical mm
Wall/Wall Ceiling/Ceiling	615-A07-050	50	65	50	25	25
	615-A07-075	75	65	75	38	38
	615-A07-100	100	65	100	50	50
Wall/Wall Ceiling/Ceiling	616-A07-150	150	100	150	75	75
	616-A07-200	200	100	200	100	100
	616-A07-300	300	100	300	150	150
Wall/Corner Ceiling/Wall	615-A09-050	50	65	50	25	25
	615-A09-075	75	65	75	38	38
	615-A09-100	100	65	100	50	50
Wall/Corner Ceiling/Wall	616-A09-150	150	100	150	75	75
	616-A09-200	200	100	200	100	100
	616-A09-300	300	100	300	150	150

For gap widths 301mm to 600mm, please contact the factory.

React 600 Series

Wall and Roof Seismic Systems

Joint Widths 25mm to 600mm



Wall/Roof Transition

- Easy onsite assembly and installation
- Multi-directional seismic movement
- Moisture barrier included
- **651** Wall system: surface mount
- **661** Roof system: surface mount
- Factory formed transitions

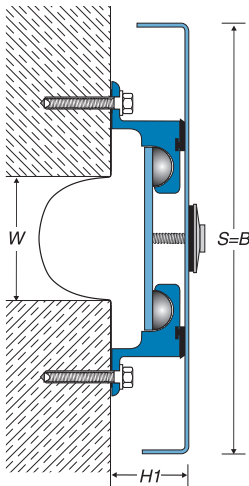
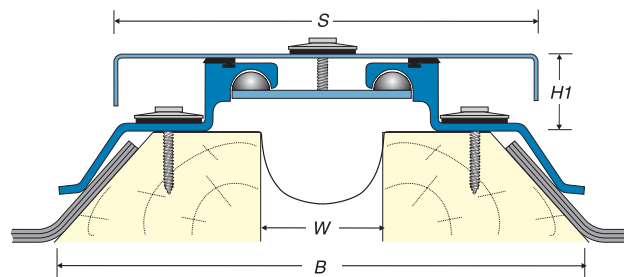
OPTIONS

Stainless Steel Plate

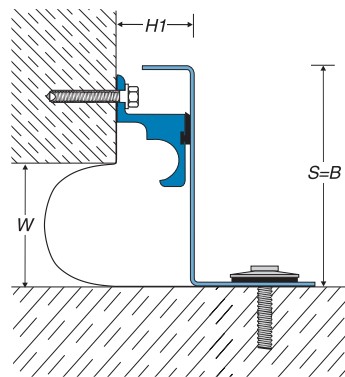
Fire Rated

Separate installation datasheet available

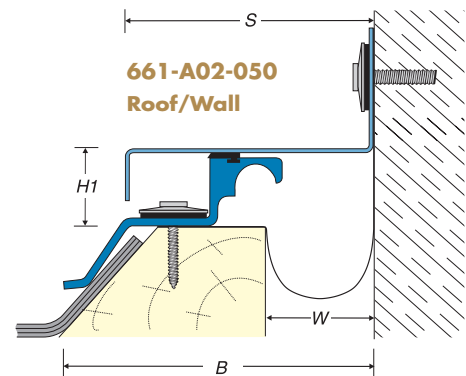
661-A01-050 Roof/Roof



651-A07-050 Wall/Wall



651-A09-050 Wall/Corner



661-A02-050 Roof/Wall

Application	Style	W	H1	H2	S	B	Movement ±		Load
		Width mm	Height 1 mm	Height 2 mm	Sightline mm	Blockout mm	Horizontal mm	Vertical mm	
Wall/Wall	651-A07-025	25	32	.	107	.	12	12	.
	651-A07-050	50	32	.	133	.	25	25	.
	651-A07-100	100	32	.	184	.	50	50	.
	651-A07-150	150	32	.	234	.	75	75	.
	651-A07-200	200	32	.	311	.	100	100	.
	651-A07-300	300	32	.	463	.	150	150	.
Roof/Roof	661-A01-025	25	35	.	107	238	12	12	.
	661-A01-050	50	35	.	133	247	25	25	.
	661-A01-100	100	35	.	184	272	50	50	.
	661-A01-150	150	35	.	234	297	75	75	.
	661-A01-200	200	35	.	311	347	100	100	.
	661-A01-300	300	35	.	463	447	150	150	.
Wall/Corner	651-A09-025	25	32	.	66	.	12	12	.
	651-A09-050	50	32	.	92	.	25	25	.
	651-A09-100	100	32	.	142	.	50	50	.
	651-A09-150	150	32	.	193	.	75	75	.
Roof/Wall	661-A02-025	25	35	.	66	131	12	12	.
	661-A02-050	50	35	.	92	144	25	25	.
	661-A02-100	100	35	.	142	169	50	50	.
	661-A02-150	150	35	.	193	194	75	75	.

Shear movement - unlimited.

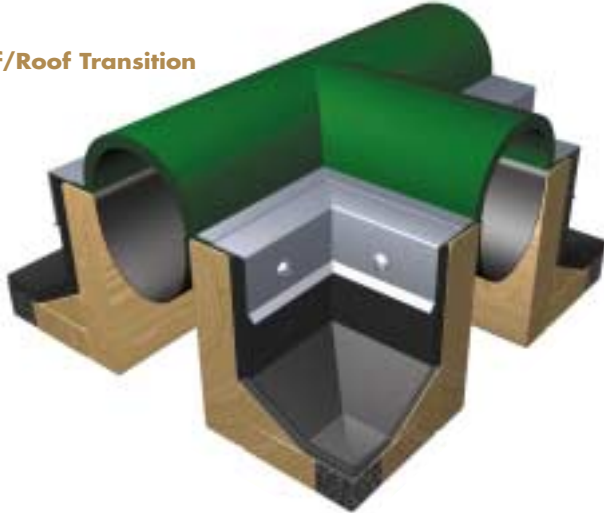
Products listed offer ±50% movement rating. Contact factory for 100% and wider joints. For gap widths 301mm to 600mm, please contact factory.

React 600 Series

Roof Seismic Systems

Joint Widths 50mm to 600mm

Roof/Roof Transition



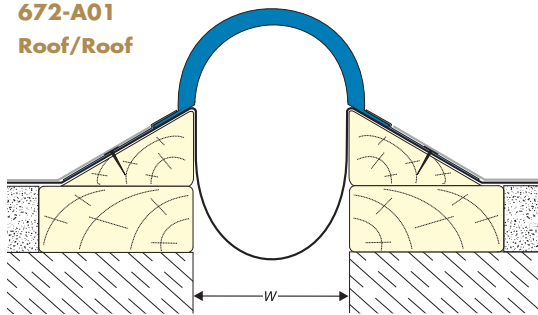
- Weatherproof roofing system that will remain watertight during the severest seismic events
- No secondary moisture barrier required
- Adhesive tabs for splicing and simple installation
- EPDM bellows with galvanized flanges standard

OPTIONS

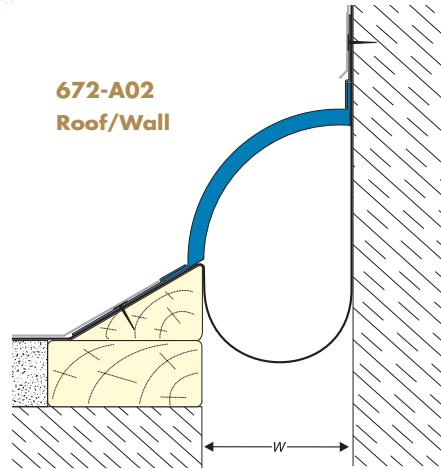
- Bellows Available in Neoprene
- Factory Preformed Transitions
- Flanges Available in Stainless Steel, Aluminium or Copper
- 10ft/50ft Rolls

Separate installation datasheet available

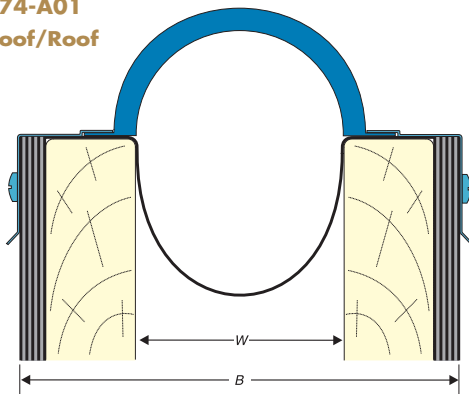
672-A01
Roof/Roof



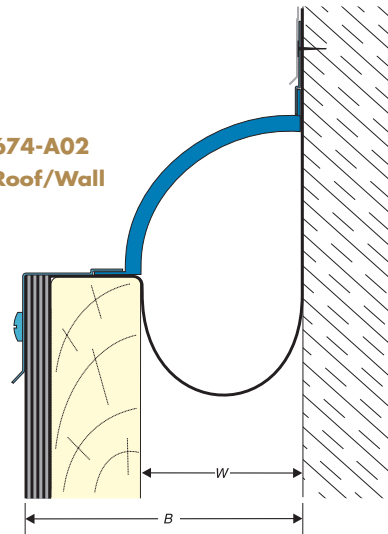
672-A02
Roof/Wall



674-A01
Roof/Roof



674-A02
Roof/Wall

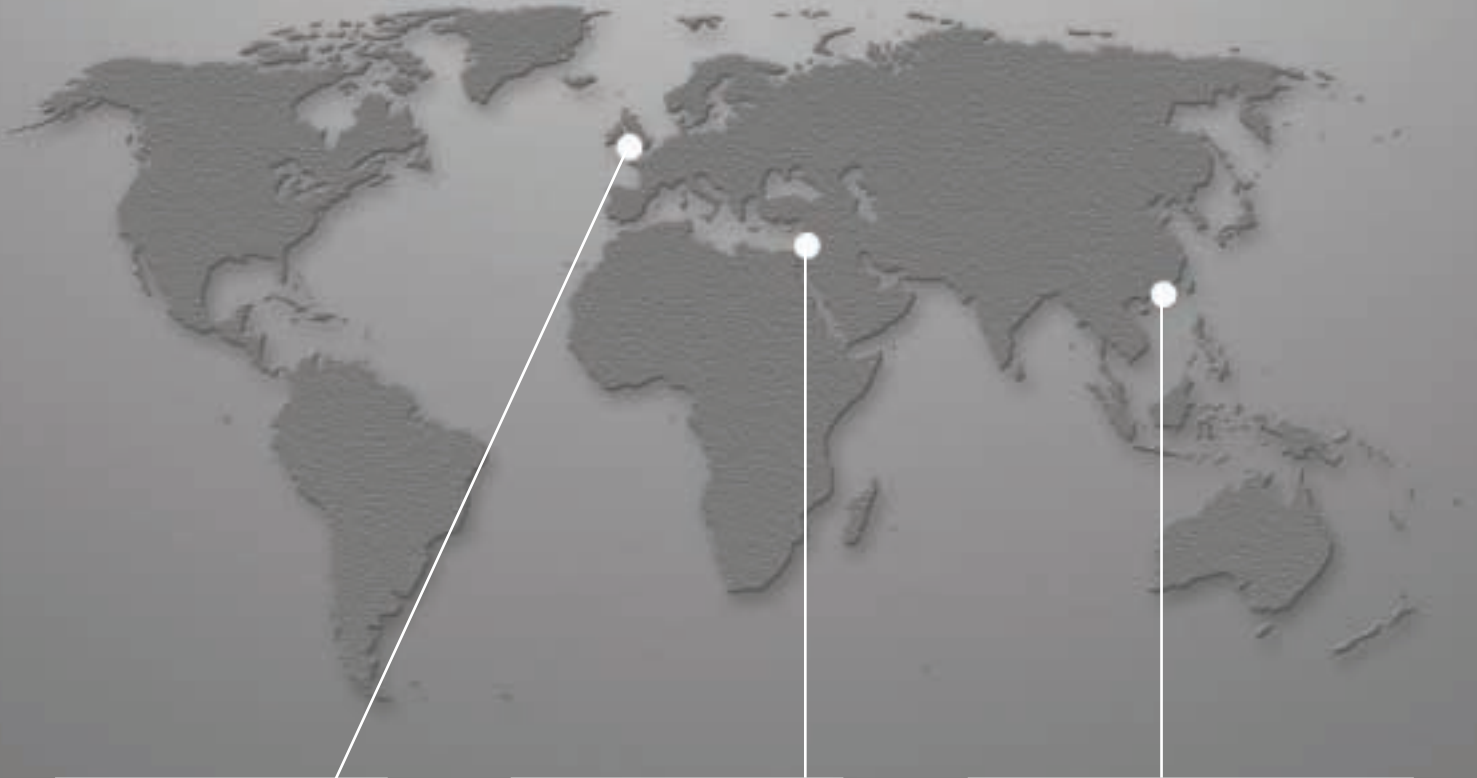


Application	Style	W Width mm	H1 Height 1 mm	H2 Height 2 mm	S Sightline mm	B Blockout mm	Movement ±		Load kN
							Horizontal mm	Vertical mm	
Roof/Roof Wall/Wall	672-A01-050	50	.	.	.	.	25	25	.
	672-A01-075	75	.	.	.	.	38	38	.
	672-A01-100	100	.	.	.	.	50	50	.
	672-A01-150	150	.	.	.	.	75	75	.
	672-A01-200	200	.	.	.	.	100	100	.
Roof/Roof	674-A01-050	50	.	.	.	144	25	25	.
	674-A01-075	75	.	.	.	169	38	38	.
	674-A01-100	100	.	.	.	194	50	50	.
	674-A01-150	150	.	.	.	244	75	75	.
	674-A01-200	200	.	.	.	294	100	100	.
Roof/Wall	674-A02-050	50	.	.	.	97	25	25	.
	674-A02-075	75	.	.	.	122	38	38	.
	674-A02-100	100	.	.	.	147	50	50	.
	674-A02-150	150	.	.	.	197	75	75	.
	674-A02-200	200	.	.	.	247	100	100	.

Shear movement - 25%.
 Products listed offer ±50% movement rating.
 For gap widths 201mm to 600mm, please contact factory.



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Acknowledgement: We would like to thank Sir Norman Foster and Partners for supplying and allowing us to use a picture of Chep Lap Airport, Hong Kong for the cover of this booklet.