

Architectural Expansion Joint Systems

REACT 400



Vexcolt Around the Globe

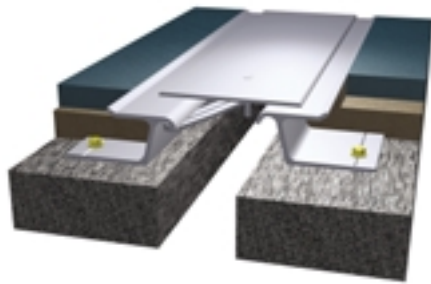


Sainsbury Wing, The National Gallery - London
Architect - Venturi Scott Brown and Associates

React 401 Series

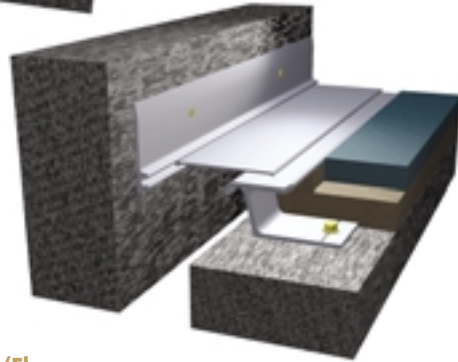
Seismic Floor Systems

Joint Widths 25mm to 200mm



401-A01

401-A02



- All aluminium system with 3.0mm frames and load plate for full seismic movement
- Centering bar positions load plate directly over structural gap
- Ideal for use with hard floor finishes, granite, marble, ceramic and concrete, as well as carpet and vinyl
- Isolation film bonded between frames and centre plate to provide friction-free movement
- Load Rated up to 15kN depending on joint width
- Patent applied for

OPTIONS

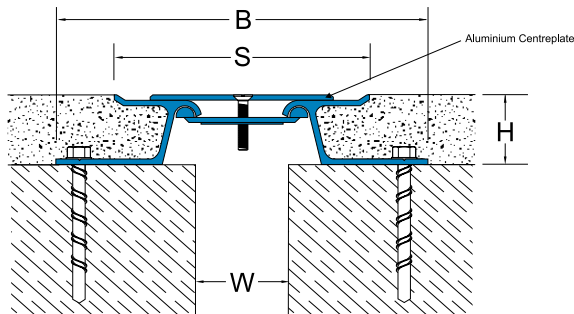
Fire Rated

Vapour Barrier

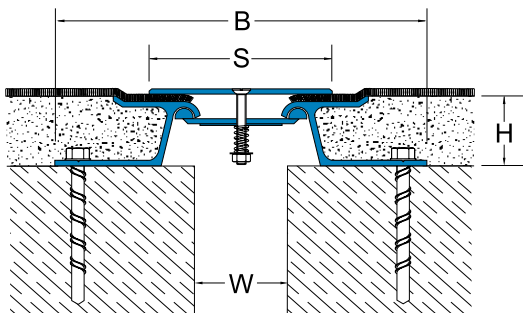
Spring loaded system for use with vinyl and carpet finishes so they can be laid under the centre plate reducing the joint sight-line

Separate installation datasheet available

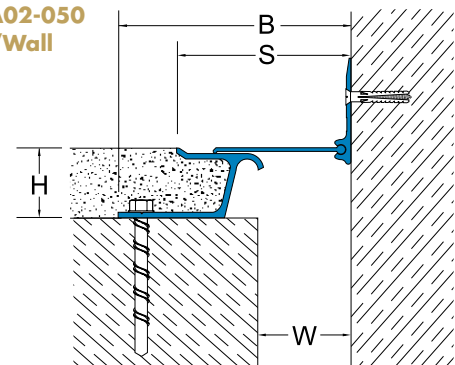
401-A01-050 Floor/Floor



S401-A01-050 Floor/Floor with carpet finish



401-A02-050 Floor/Wall



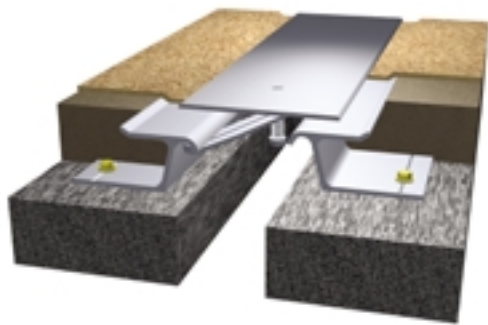
Application	Style	W	H	S	B	Movement ±			Frame Thickness	Centreplate Thickness	Load Rating
		Width	Height	Sightline	Blockout	Horizontal	Vertical	Shear			
		mm	mm	mm	mm	mm	mm	mm	mm	mm	kN
Floor/Floor Wall/Wall	401-A01-025	25	25/38/50	127	191	13	6	Unlimited	3	3	15
	401-A01-050	50	25/38/50	139	203	25	13	Unlimited	3	3	HP
	401-A01-075	75	25/38/50	178	242	38	19	Unlimited	3	3	HP
	401-A01-100	100	25/38/50	216	280	50	25	Unlimited	3	3	HP
	401-A01-150	150	25/38/50	302	366	75	38	Unlimited	3	3	HP
	401-A01-200	200	25/38/50	403	467	100	50	Unlimited	3	3	HP
Floor/Wall Corner/Wall	401-A02-025	25	25/38/50	76	108	6	3	Unlimited	3	3	15
	401-A02-050	50	25/38/50	95	127	13	6	Unlimited	3	3	HP
	401-A02-075	75	25/38/50	128	160	19	10	Unlimited	3	3	HP
	401-A02-100	100	25/38/50	159	191	25	13	Unlimited	3	3	HP
	401-A02-150	150	25/38/50	227	259	38	19	Unlimited	3	3	HP
	401-A02-200	200	25/38/50	303	335	50	25	Unlimited	3	3	HP

* When specifying spring loaded systems, simply prefix the above part numbers with S eg. S401-A01-100

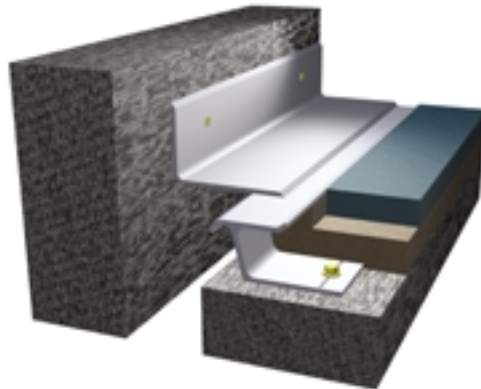
React 402 Series

Seismic Floor Systems

Joint Widths 25mm to 200mm



S402-A01
with carpet
finish



402-A02
hard floor
finish

- Aluminium and stainless steel system with 3.0mm aluminium frames and 3.0mm stainless steel load plate for full seismic movement
- Centering bar positions load plate directly over structural gap
- Ideal for use with hard floor finishes, granite, marble, ceramic and concrete, as well as carpet and vinyl
- Isolation film bonded between frames and centre plate to provide friction-free movement and prevent galvanic reaction
- Load Rated up to 35kN depending on joint width
- Patent applied for

OPTIONS

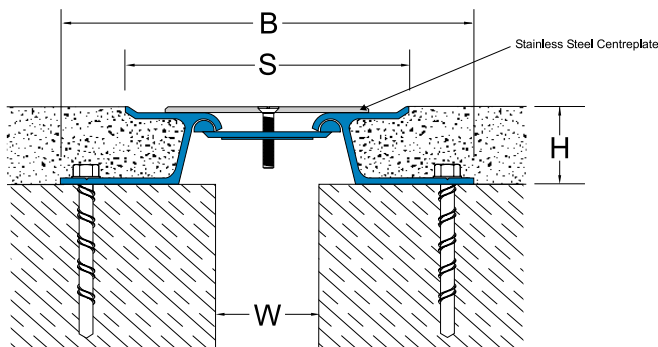
Fire Rated

Vapour Barrier

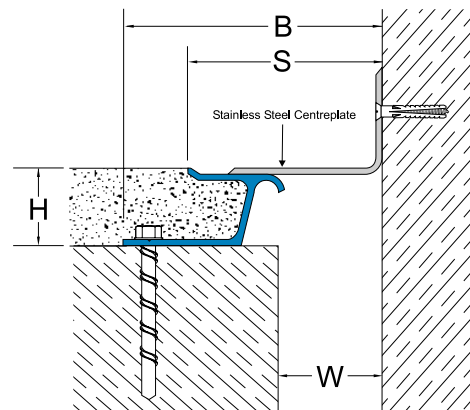
Spring loaded system for use with vinyl and carpet finishes so they can be laid under the centre plate reducing the joint sight-line

Separate installation datasheet available

402-A01-050 Floor/Floor



402-A02-050 Floor/Wall



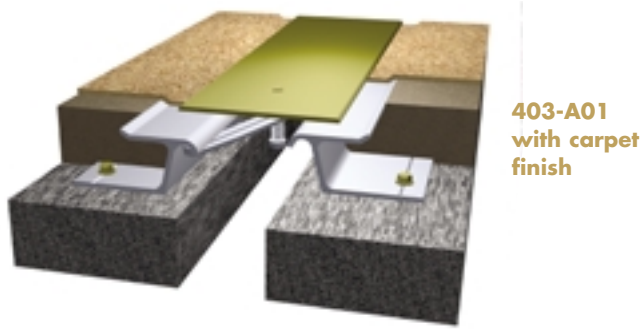
Application	Style	W mm	H mm	S mm	B mm	Movement ±			Frame Thickness mm	Centreplate Thickness mm	Load Rating kN
						Horizontal mm	Vertical mm	Shear mm			
Floor/Floor Wall/Wall	402-A01-025	25	25/38/50	127	191	13	6	Unlimited	3	3	35
	402-A01-050	50	25/38/50	139	203	25	13	Unlimited	3	3	15
	402-A01-075	75	25/38/50	178	242	38	19	Unlimited	3	3	HP
	402-A01-100	100	25/38/50	216	280	50	25	Unlimited	3	3	HP
	402-A01-150	150	25/38/50	302	366	75	38	Unlimited	3	3	HP
	402-A01-200	200	25/38/50	403	467	100	50	Unlimited	3	3	HP
Floor/Wall Corner/Wall	402-A02-025	25	25/38/50	76	108	6	3	Unlimited	3	3	35
	402-A02-050	50	25/38/50	95	127	13	6	Unlimited	3	3	15
	402-A02-075	75	25/38/50	128	160	19	10	Unlimited	3	3	HP
	402-A02-100	100	25/38/50	159	191	25	13	Unlimited	3	3	HP
	402-A02-150	150	25/38/50	227	259	38	19	Unlimited	3	3	HP
	402-A02-200	200	25/38/50	303	335	50	25	Unlimited	3	3	HP

* When specifying spring loaded systems, simply prefix the above part numbers with S eg. S402-A01-100

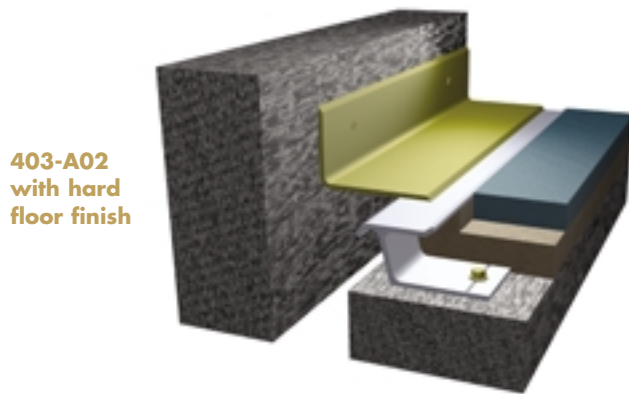
React 403 Series

Seismic Floor Systems

Joint Widths 25mm to 200mm



**403-A01
with carpet
finish**



**403-A02
with hard
floor finish**

- Aluminium and brass system with 3.0mm aluminium frames and 3.0mm brass load plate for full seismic movement
- Centering bar positions load plate directly over structural gap
- Ideal for use with hard floor finishes, granite, marble, ceramic and concrete, as well as carpet and vinyl
- Isolation film bonded between frames and centre plate to provide friction-free movement and prevent galvanic reaction
- Load Rated up to 25kN depending on joint width
- Patent applied for

OPTIONS

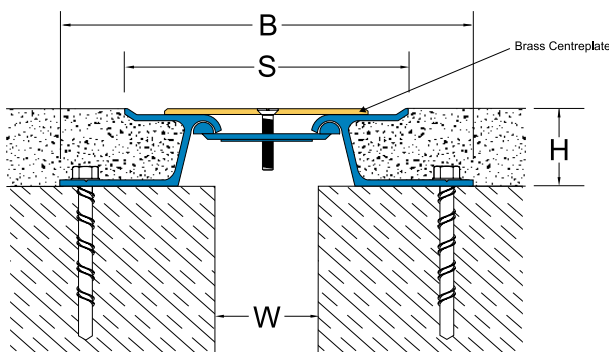
Fire Rated

Vapour Barrier

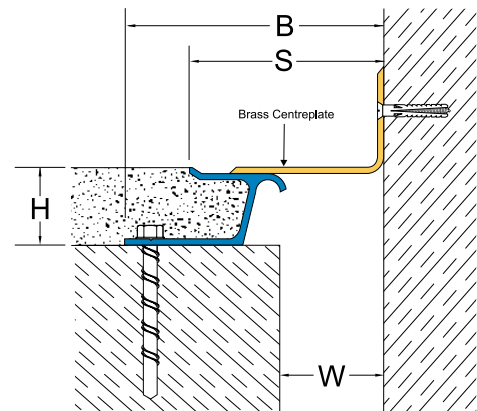
Spring loaded system for use with vinyl and carpet finishes so they can be laid under the centre plate reducing the joint sight-line

Separate installation datasheet available

403-A01-050 Floor/Floor



403-A02-050 Floor/Wall



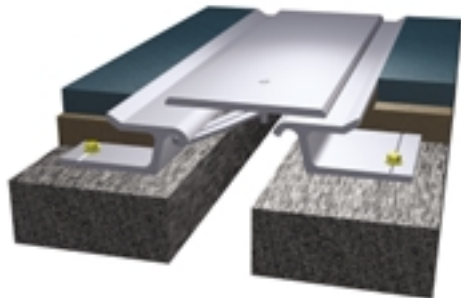
Application	Style	W Width mm	H Height mm	S Sightline mm	B Blockout mm	Movement ±			Frame Thickness mm	Centreplate Thickness mm	Load Rating kN
						Horizontal mm	Vertical mm	Shear mm			
Floor/Floor Wall/Wall	403-A01-025	25	25/38/50	127	191	13	6	Unlimited	3	3	25
	403-A01-050	50	25/38/50	139	203	25	13	Unlimited	3	3	HP
	403-A01-075	75	25/38/50	178	242	38	19	Unlimited	3	3	HP
	403-A01-100	100	25/38/50	216	280	50	25	Unlimited	3	3	HP
	403-A01-150	150	25/38/50	302	366	75	38	Unlimited	3	3	HP
	403-A01-200	200	25/38/50	403	467	100	50	Unlimited	3	3	HP
Floor/Wall Corner/Wall	403-A02-025	25	25/38/50	76	108	6	3	Unlimited	3	3	25
	403-A02-050	50	25/38/50	95	127	13	6	Unlimited	3	3	HP
	403-A02-075	75	25/38/50	128	160	19	10	Unlimited	3	3	HP
	403-A02-100	100	25/38/50	159	191	25	13	Unlimited	3	3	HP
	403-A02-150	150	25/38/50	227	259	38	19	Unlimited	3	3	HP
	403-A02-200	200	25/38/50	303	335	50	25	Unlimited	3	3	HP

* When specifying spring loaded systems, simply prefix the above part numbers with S eg. S403-A01-100

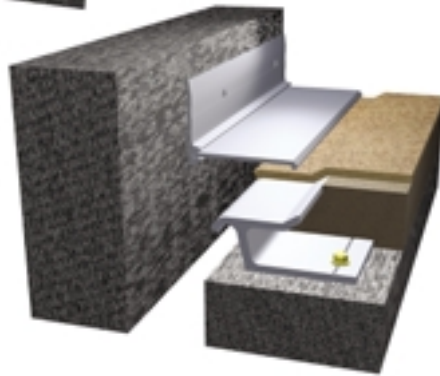
React 404 Series

High Load Seismic Floor Systems

Joint Widths 25mm to 200mm



404-A01
with hard
floor finish



404-A02
with carpet
finish

- All aluminium system with 5.0mm frames and 6.0mm load plate for full seismic movement
- Centering bar positions load plate directly over structural gap
- Ideal for use with hard floor finishes, granite, marble, ceramic and concrete, as well as carpet and vinyl
- Isolation film bonded between frames and centre plate to provide friction-free movement
- Heavy duty joint Load Rated up to 70kN depending on joint width
- Patent applied for

OPTIONS

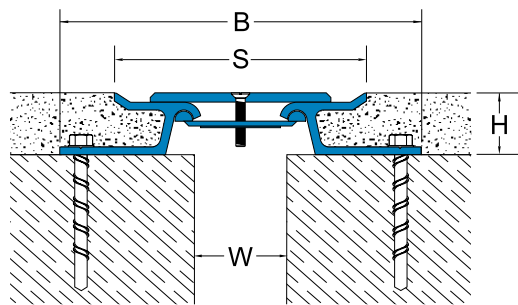
Fire Rated

Vapour Barrier

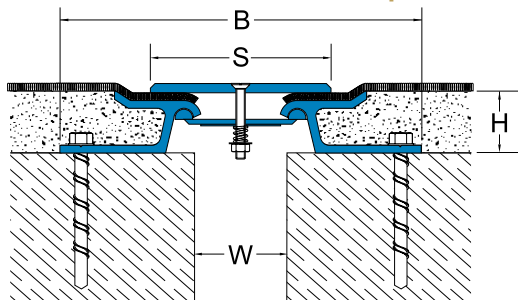
Spring loaded system for use with vinyl and carpet finishes so they can be laid under the centre plate reducing the joint sight-line

Separate installation datasheet available

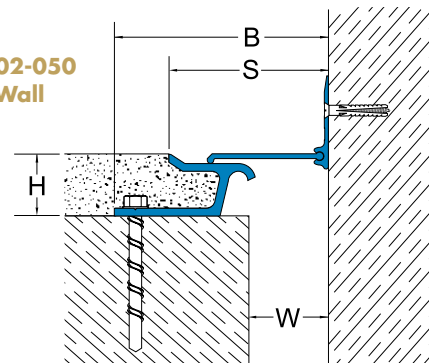
404-A01-050 Floor/Floor



404-A01-050 Floor/Floor with carpet finish



404-A02-050 Floor/Wall



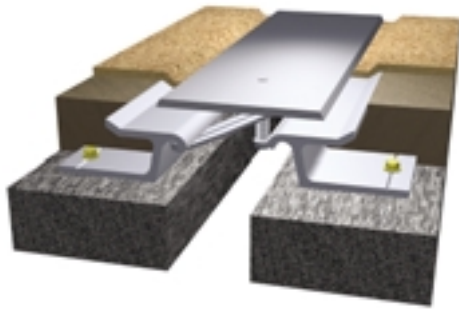
Application	Style	W Width mm	H Height mm	S Sightline mm	B Blockout mm	Movement ±			Frame Thickness mm	Centreplate Thickness mm	Load Rating kN
						Horizontal mm	Vertical mm	Shear mm			
Floor/Floor Wall/Wall	404-A01-025	25	25/38/50	136	100	13	6	Unlimited	5	6	70
	404-A01-050	50	25/38/50	148	212	25	13	Unlimited	5	6	35
	404-A01-075	75	25/38/50	187	251	38	19	Unlimited	5	6	25
	404-A01-100	100	25/38/50	225	289	50	25	Unlimited	5	6	15
	404-A01-150	150	25/38/50	311	375	75	38	Unlimited	5	6	HP
	404-A01-200	200	25/38/50	412	476	100	50	Unlimited	5	6	HP
Floor/Wall Corner/Wall	404-A02-025	25	25/38/50	81	113	6	3	Unlimited	5	6	70
	404-A02-050	50	25/38/50	100	132	13	6	Unlimited	5	6	35
	404-A02-075	75	25/38/50	132	164	19	10	Unlimited	5	6	25
	404-A02-100	100	25/38/50	164	196	25	13	Unlimited	5	6	15
	404-A02-150	150	25/38/50	232	264	38	19	Unlimited	5	6	HP
	404-A02-200	200	25/38/50	308	340	50	25	Unlimited	5	6	HP

* When specifying spring loaded systems, simply prefix the above part numbers with S eg. S404-A01-100

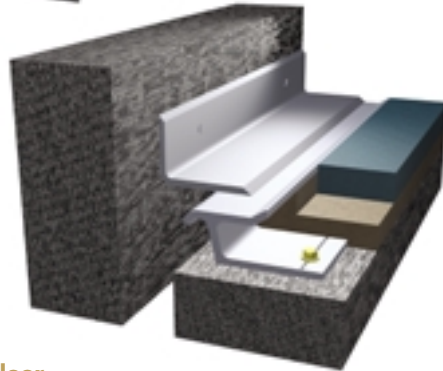
React 405 Series

High Load Seismic Floor Systems

Joint Widths 25mm to 200mm



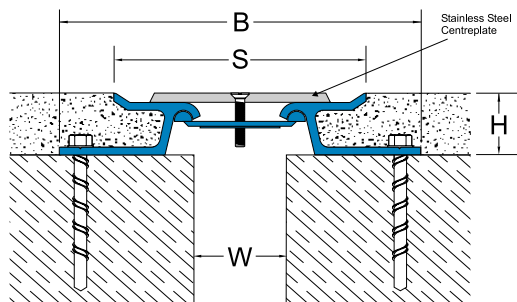
405-A01 with carpet finish



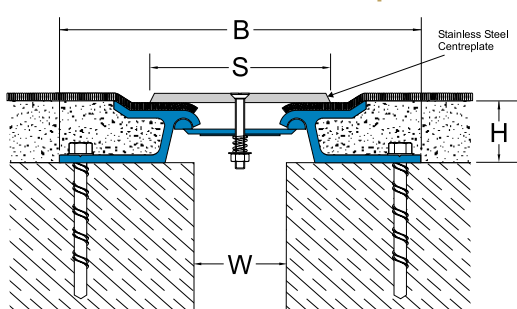
405-A02 with hard floor finish

- Aluminium and stainless steel system with 5.0mm aluminium frames and 6.0mm stainless steel load plate for full seismic movement
- Centering bar positions load plate directly over structural gap
- Ideal for use with hard floor finishes, granite, marble, ceramic and concrete, as well as carpet and vinyl
- Isolation film bonded between frames and centre plate to provide friction-free movement and prevent galvanic reaction
- Heavy duty joint Load Rated up to 130kN depending on joint width
- Patent applied for

405-A01-050 Floor/Floor



405-A01-050 Floor/Floor with carpet finish



OPTIONS

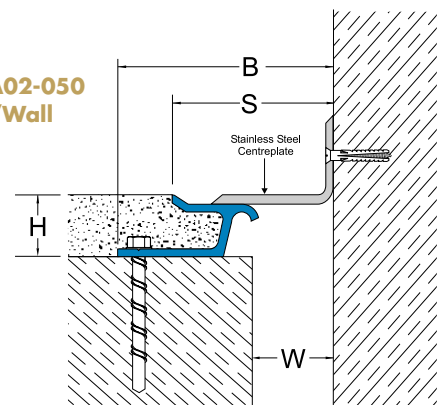
Fire Rated

Vapour Barrier

Spring loaded system for use with vinyl and carpet finishes so they can be laid under the centre plate reducing the joint sight-line

Separate installation datasheet available

405-A02-050 Floor/Wall



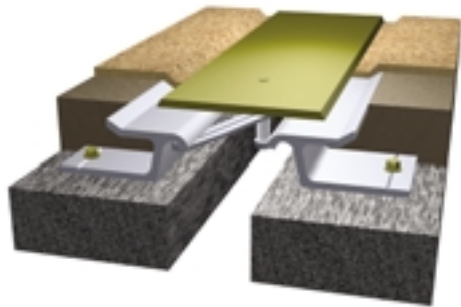
Application	Style	W Width mm	H Height mm	S Sightline mm	B Blockout mm	Movement ±			Frame Thickness mm	Centreplate Thickness mm	Load Rating kN
						Horizontal mm	Vertical mm	Shear mm			
Floor/Floor Wall/Wall	405-A01-025	25	25/38/50	136	100	13	6	Unlimited	5	6	130
	405-A01-050	50	25/38/50	148	212	25	13	Unlimited	5	6	70
	405-A01-075	75	25/38/50	187	251	38	19	Unlimited	5	6	35
	405-A01-100	100	25/38/50	225	289	50	25	Unlimited	5	6	35
	405-A01-150	150	25/38/50	311	375	75	38	Unlimited	5	6	15
	405-A01-200	200	25/38/50	412	476	100	50	Unlimited	5	6	15
Floor/Wall Corner/Wall	405-A02-025	25	25/38/50	81	113	6	3	Unlimited	5	6	130
	405-A02-050	50	25/38/50	100	132	13	6	Unlimited	5	6	70
	405-A02-075	75	25/38/50	132	164	19	10	Unlimited	5	6	35
	405-A02-100	100	25/38/50	164	196	25	13	Unlimited	5	6	35
	405-A02-150	150	25/38/50	232	264	38	19	Unlimited	5	6	15
	405-A02-200	200	25/38/50	308	340	50	25	Unlimited	5	6	15

* When specifying spring loaded systems, simply prefix the above part numbers with S eg. S405-A01-100

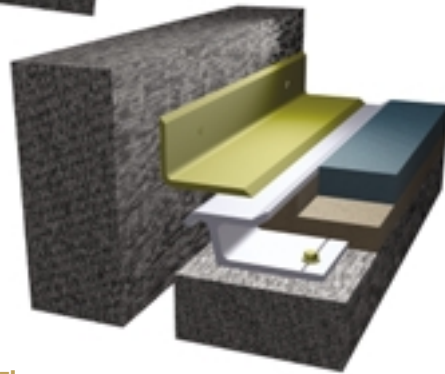
React 406 Series

High Load Seismic Floor Systems

Joint Widths 25mm to 200mm

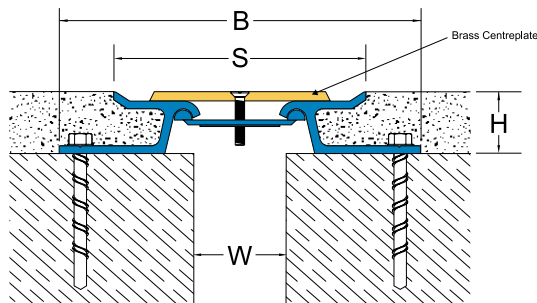


406-A01 with carpet finish

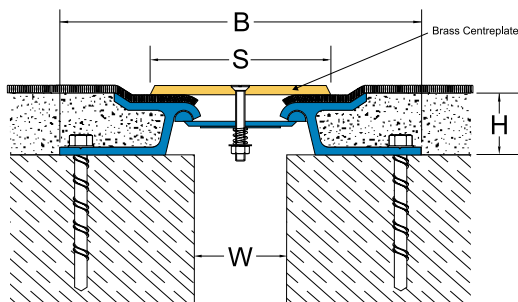


406-A02 with hard floor finish

406-A01-050 Floor/Floor



406-A01-050 Floor/Floor with carpet finish



- All aluminium and brass system with 5.0mm aluminium frames and 6.0mm brass load plate for full seismic movement
- Centering bar positions load plate directly over structural gap
- Ideal for use with hard floor finishes, granite, marble, ceramic and concrete, as well as carpet and vinyl
- Isolation film bonded between frames and centre plate to provide friction-free movement and prevent galvanic reaction
- Heavy duty joint Load Rated up to 70kN depending on joint width
- Patent applied for

OPTIONS

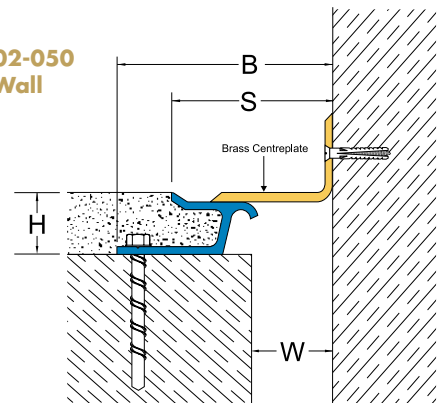
Fire Rated

Vapour Barrier

Spring loaded system for use with vinyl and carpet finishes so they can be laid under the centre plate reducing the joint sight-line

Separate installation datasheet available

406-A02-050 Floor/Wall



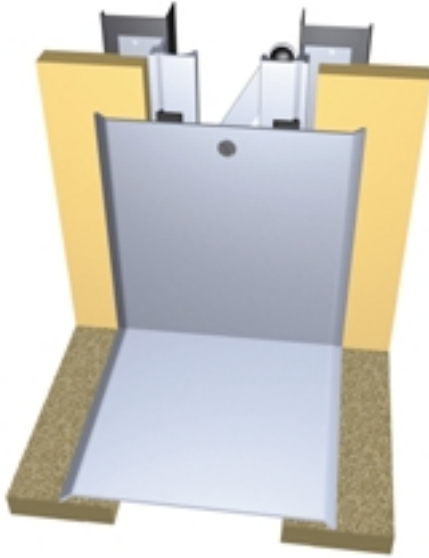
Application	Style	W Width mm	H Height mm	S Sightline mm	B Blockout mm	Movement ±			Frame Thickness mm	Centreplate Thickness mm	Load Rating kN
						Horizontal mm	Vertical mm	Shear mm			
Floor/Floor Wall/Wall	406-A01-025	25	25/38/50	136	100	13	6	Unlimited	5	6	70
	406-A01-050	50	25/38/50	148	212	25	13	Unlimited	5	6	35
	406-A01-075	75	25/38/50	187	251	38	19	Unlimited	5	6	25
	406-A01-100	100	25/38/50	225	289	50	25	Unlimited	5	6	15
	406-A01-150	150	25/38/50	311	375	75	38	Unlimited	5	6	HP
	406-A01-200	200	25/38/50	412	476	100	50	Unlimited	5	6	HP
Floor/Wall Corner/Wall	406-A02-025	25	25/38/50	81	113	6	3	Unlimited	5	6	70
	406-A02-050	50	25/38/50	100	132	13	6	Unlimited	5	6	35
	406-A02-075	75	25/38/50	132	164	19	10	Unlimited	5	6	25
	406-A02-100	100	25/38/50	164	196	25	13	Unlimited	5	6	15
	406-A02-150	150	25/38/50	232	264	38	19	Unlimited	5	6	HP
	406-A02-200	200	25/38/50	308	340	50	25	Unlimited	5	6	HP

* When specifying spring loaded systems, simply prefix the above part numbers with S eg. S406-A01-100

React 481/491 Series

Seismic Wall and Ceiling Systems

Joint Widths 25mm to 300mm

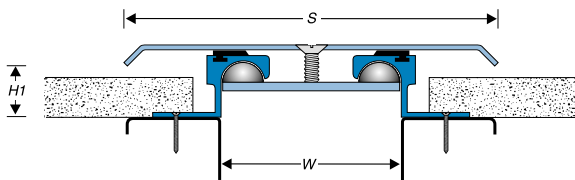


- Ideal for drywall, hard wall and tile finishes
- Surface mountable
- Centering bar for correct positioning of plate

OPTIONS

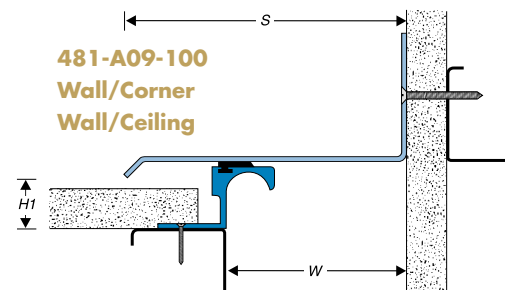
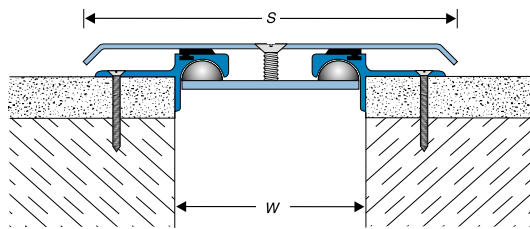
- Brass
- Stainless Steel
- Fire Rated
- 481 available in custom frame heights

Separate installation datasheet available

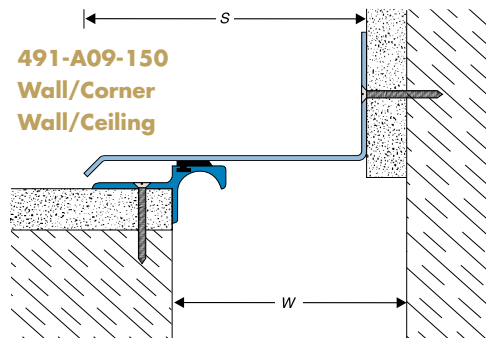


481-A07-100 Wall/Wall • Ceiling/Ceiling

491-A07-100 Wall/Wall • Ceiling/Ceiling



481-A09-100
Wall/Corner
Wall/Ceiling



491-A09-150
Wall/Corner
Wall/Ceiling

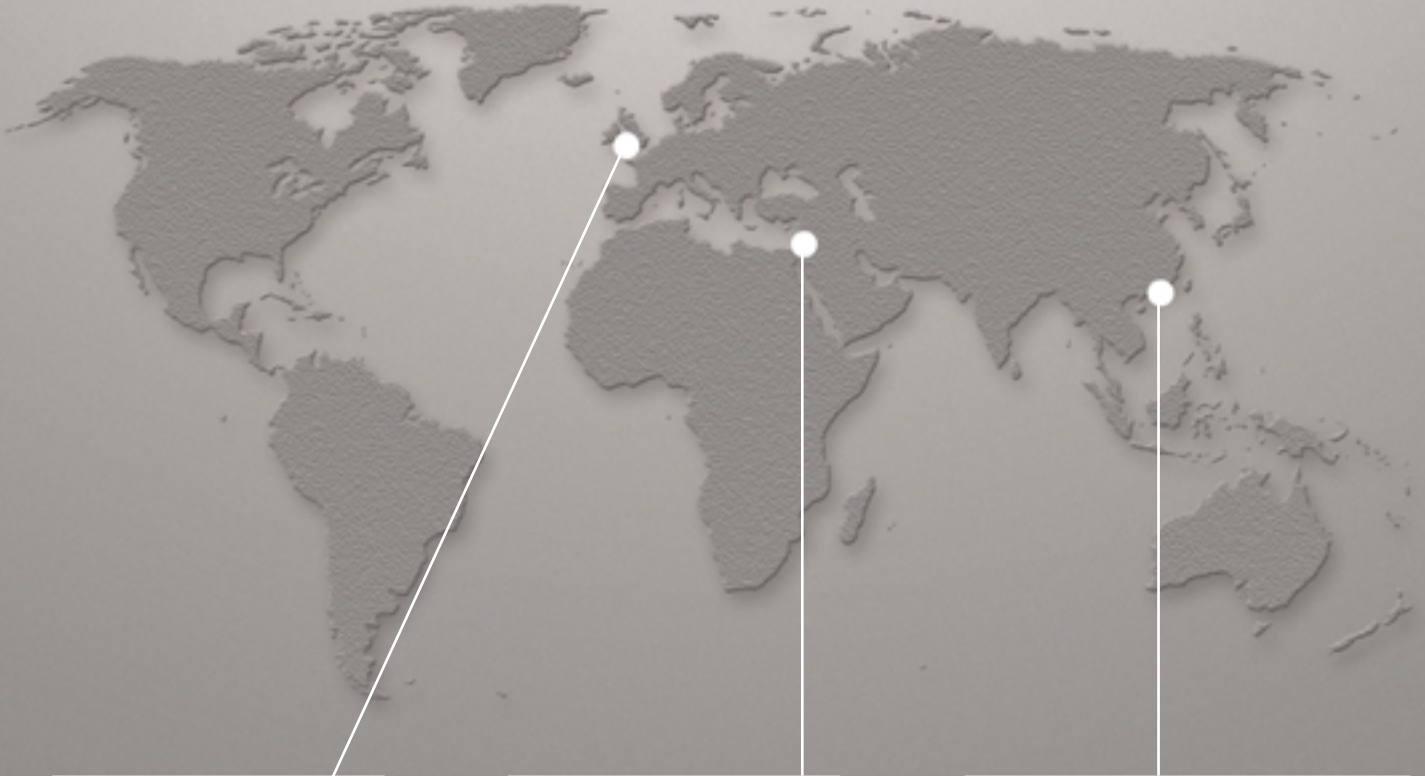
Application	Style	W	H1	H2	S	B	Movement ±		Load
		Width mm	Height 1 mm	Height 2 mm	Sightline mm	Blockout mm	Horizontal mm	Vertical mm	
Wall/Wall Ceiling/ Ceiling	481-A07-050	50	32	.	146	.	25	25	.
	481-A07-100	100	32	.	196	.	50	50	.
	481-A07-150	150	32	.	247	.	75	75	.
	481-A07-200	200	32	.	330	.	100	100	.
	481-A07-300	300	32	.	482	.	150	150	.
	491-A07-050	50	.	.	146	.	25	25	.
	491-A07-100	100	.	.	196	.	50	50	.
	491-A07-150	150	.	.	247	.	75	75	.
	491-A07-200	200	.	.	330	.	100	100	.
	491-A07-300	300	.	.	482	.	150	150	.
Wall/Corner Ceiling/Wall	481-A09-050	50	32	.	98	.	12	12	.
	481-A09-100	100	32	.	149	.	25	25	.
	481-A09-150	150	32	.	200	.	38	38	.
	481-A09-200	200	32	.	266	.	50	50	.
	481-A09-300	300	32	.	393	.	75	75	.
	491-A09-050	50	.	.	98	.	12	12	.
	491-A09-100	100	.	.	149	.	25	25	.
	491-A09-150	150	.	.	200	.	38	38	.
	491-A09-200	200	.	.	266	.	50	50	.
491-A09-300	300	.	.	393	.	75	75	.	

Shear movement - unlimited.

Products listed offer ±50% movement rating. Contact factory for 100% and wider joints.



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