

501 Series

A01 - Floor to Floor

A02 - Floor to Wall



Movement Rating $\pm 50\%$ (100%)

Product Guide



Thermal



Exterior



Interior



Fire Rated
Option



Vapor Barrier
Option



Seismic



ADA
Compliant

- ▶ Narrow sight lines minimize aesthetic disruption to flooring finishes.
 - ▶ 1 3/4" (45mm) deep pan ideal for all flooring types. Finishes will have an increase depth for carpet, tile, marble, granite, limestone and paver systems.
 - ▶ Designed for generous thermal and seismic standard movement requirements.
 - ▶ Pan profile provides a vertical surface to abut 3/8" (9 mm) thick tile against, eliminating the need to bevel flooring edges.
 - ▶ The combined use of centerbars and tapered frame components resets the pan after seismic movement.
 - ▶ *System can be reinforced to allow for extremely wide spans as well as heavy rolling loads > See modified system options on page 3.*
- ▶ All flat seals are UL® GREENGUARD Gold certified and provide the following qualities:
- Seals are flush with flooring, easy to clean, and prevent dirt and water traps. Common with most pan systems.
 - Seals provide superior thermal movement as compared to any sealant on the market, and drastically reduce facility maintenance costs by eliminating backer rod and sealant systems.
 - Standard and Custom seal colors available.

IPC.855/REV.15

501 Series

Movement Charts

MOVEMENT CHART FOR SEISMIC CONDITIONS WITH ALIGNING SYSTEMS

Application	System	W		H1		S		B		Movement +/-			
		Joint Width		Frame Height 1		Sightline		Blockout		Horizontal		Vertical	
		US	mm	US	mm	US	mm	US	mm	US	mm	US	mm
Floor to Floor	501-A01-050	2"	50	2 1/8"	54	2 1/2"	64	5"	127	1"	25	2"	50
	501-A01-100	4"	100	2 1/8"	54	2 1/2"	64	5"	127	2"	50	2"	50
	501-A01-150	6"	150	2 1/8"	54	2 1/2"	64	5"	127	3"	75	2"	50
	501-A01-200	8"	200	2 1/8"	54	2 1/2"	64	5 1/2"	140	4"	100	2"	50
	501-A01-250	10"	250	2 1/8"	54	2 1/2"	64	7"	178	5"	125	2"	50
	501-A01-300	12"	300	2 1/8"	54	2 1/2"	64	7 1/2"	190	6"	150	2"	50
	501-A01-350	14"	356	2 1/8"	54	2 1/2"	64	7 13/16"	198	7"	178	2"	50
	501-A01-400	16"	406	2 1/8"	54	2 1/2"	64	8 3/4"	223	8"	203	2"	50
	501-A01-450	18"	457	2 1/8"	54	2 1/2"	64	9 1/4"	235	9"	229	2"	50
	501-A01-500	20"	508	2 1/8"	54	2 1/2"	64	9 3/4"	248	10"	254	2"	50
501-A01-600	24"	610	2 1/8"	54	2 1/2"	64	10 3/4"	274	12"	304	2"	50	
Floor to Wall	501-A02-050	2"	50	2 1/8"	54	1 1/4"	32	7"	178	1/2"	15	2"	50
	501-A02-100	4"	100	2 1/8"	54	1 1/4"	32	6"	152	1"	25	2"	50
	501-A02-150	6"	150	2 1/8"	54	1 1/4"	32	5"	127	1 1/2"	35	2"	50
	501-A02-200	8"	200	2 1/8"	54	1 1/4"	32	5 1/2"	140	2"	50	2"	50
	501-A02-250	10"	250	2 1/8"	54	1 1/4"	32	7"	178	2 1/2"	64	2"	50
	501-A02-300	12"	300	2 1/8"	54	1 1/4"	32	7 1/2"	190	3"	75	2"	50
	501-A02-350	14"	356	2 1/8"	54	1 1/4"	32	8 1/2"	216	3 1/2"	89	2"	50
	501-A02-400	16"	406	2 1/8"	54	1 1/4"	32	8 3/4"	222	4"	100	2"	50
	501-A02-450	18"	457	2 1/8"	54	1 1/4"	32	8 13/16"	224	4 1/2"	114	2"	50
	501-A02-500	20"	508	2 1/8"	54	1 1/4"	32	9 7/8"	250	5"	127	2"	50
501-A02-600	24"	610	2 1/8"	54	1 1/4"	32	10 3/4"	274	6"	152	2"	50	

*System available in widths up to 48" (1220mm)

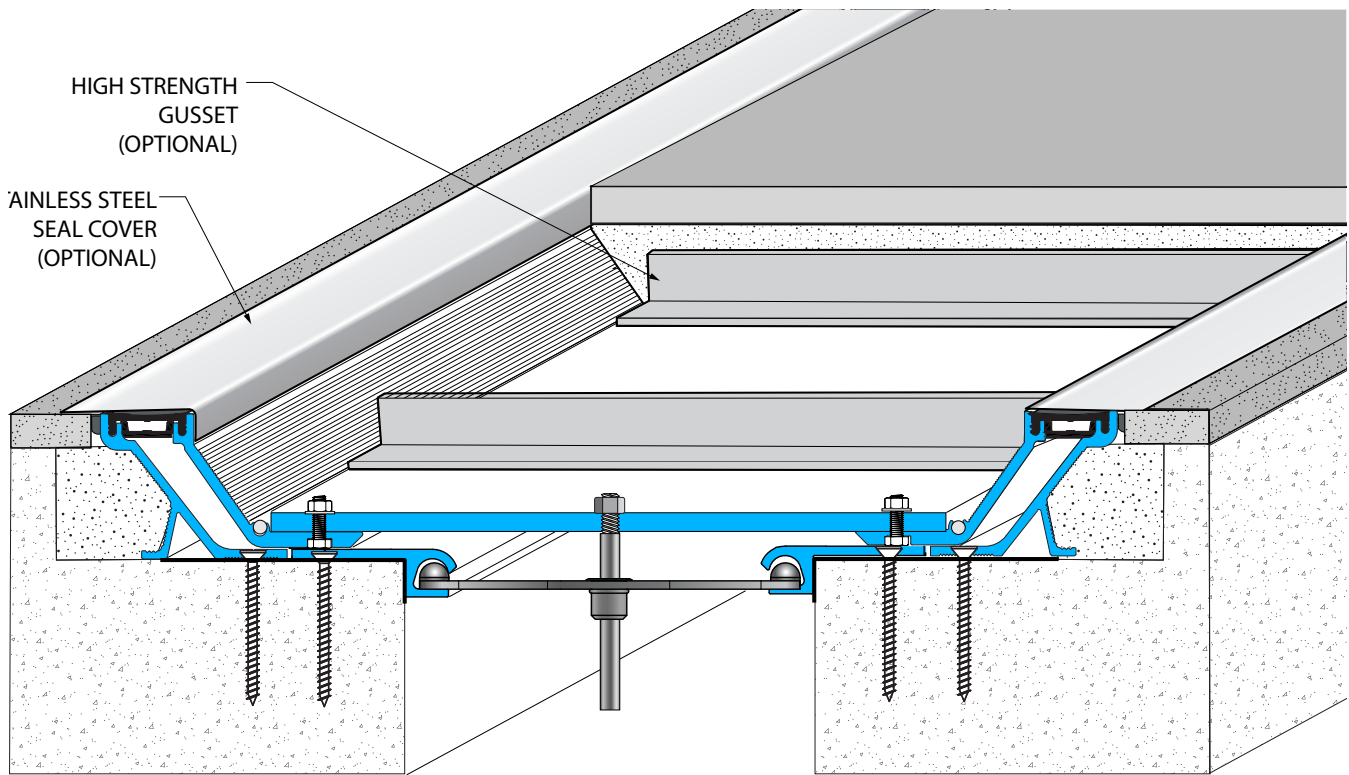
MOVEMENT CHART FOR SEISMIC CONDITIONS WITH HIGH LATERAL SHEAR REQUIREMENTS

Application	System	W		H1		S		B		Movement +/-			
		Joint Width		Frame Height 1		Sightline		Blockout		Horizontal		Vertical	
		US	mm	US	mm	US	mm	US	mm	US	mm	US	mm
Floor to Wall	501-A02-100M	4"	100	1 1/4"	32	2 1/2"	64	5 11/16"	144	2"	50	2"	50
	501-A02-150M	6"	150	1 1/4"	32	2 1/2"	64	6 11/16"	169	3"	75	2"	50
	501-A02-200M	8"	200	1 1/4"	32	2 1/2"	64	7 13/16"	198	4"	102	2"	50
	501-A02-250M	10"	250	1 1/4"	32	2 1/2"	64	8 11/16"	220	5"	127	2"	50
	501-A02-300M	12"	300	1 1/4"	32	2 1/2"	64	9 11/16"	246	6"	152	2"	50
	501-A02-350	14"	356	2 1/8"	54	1 1/4"	32	8 1/2"	216	3 1/2"	89	2"	50
	501-A02-400M	16"	406	1 1/4"	32	2 1/2"	64	11 11/16"	297	8"	203	2"	50
	501-A02-450M	18"	457	1 1/4"	32	2 1/2"	64	12 11/16"	322	9"	229	2"	50
	501-A02-500M	20"	508	1 1/4"	32	2 1/2"	64	14 3/16"	360	10 1/2"	267	2"	50
	501-A02-600M	24"	300	1 1/4"	32	2 1/2"	64	15 3/4"	399	12"	305	2"	50

501 Series

Modifiable Options

501 Isometric Cut-Away
(501-A01-100; with Heavy Duty Gussets & Stainless Seal Covers)

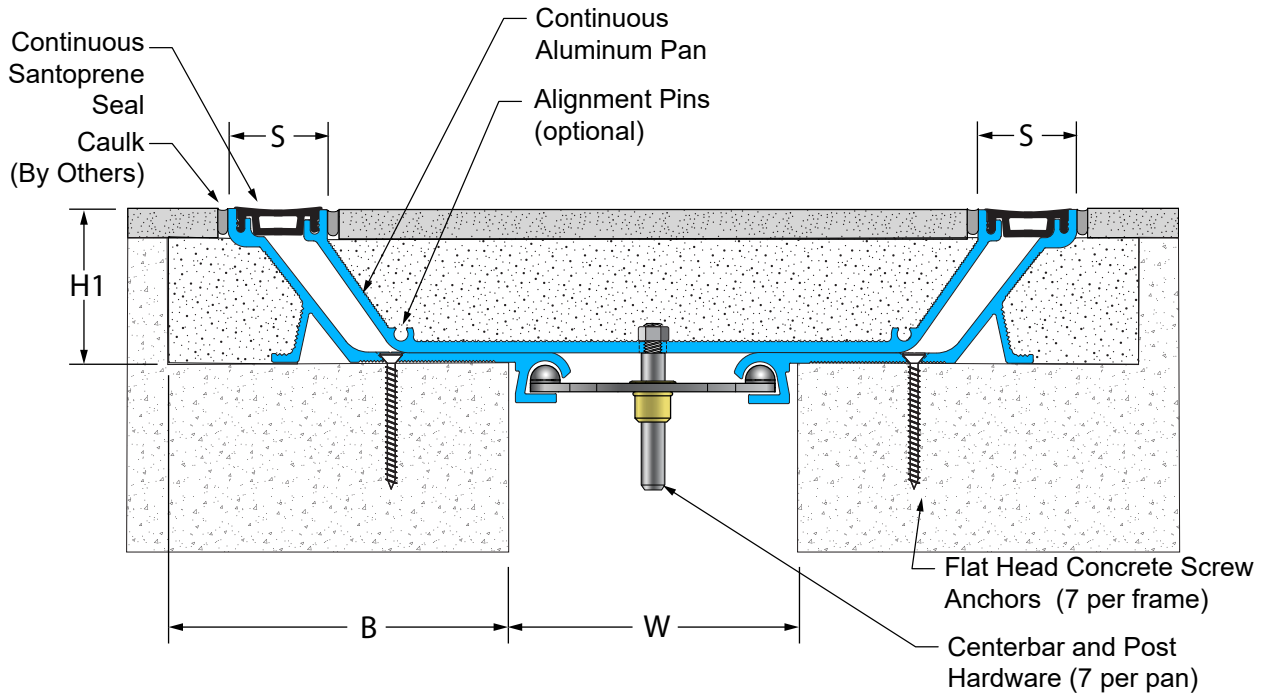


- ▶ System can be modified to meet any movement needs up to 100%±
- ▶ System can be modified to meet heavy duty loading requirements.
- ▶ System can be modified for joints up to 48" (1220mm)
- ▶ System can be modified to include stainless steel caps over the flat seals for rolling loads.

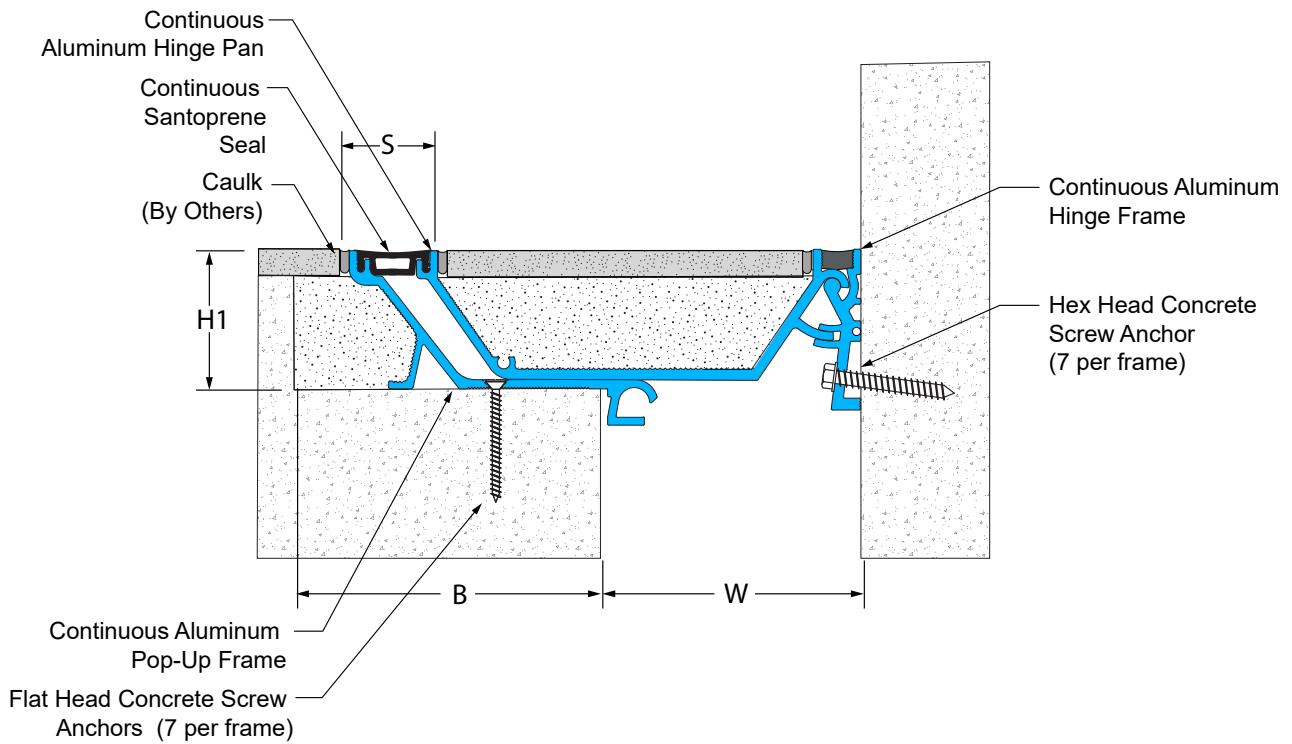
501 Series

"Pop-Up" Seismic Floor Systems

501-A01 Floor to Floor
(501 Series 4" (100mm) system shown)



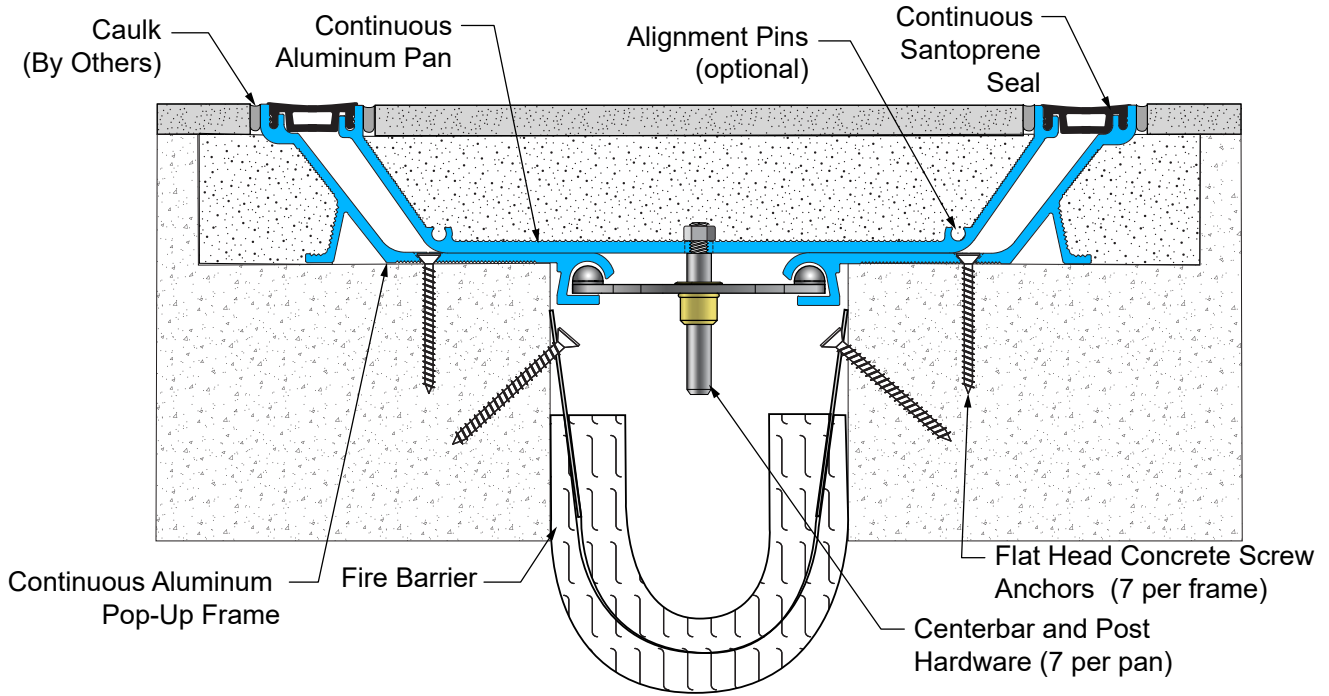
501-A02 Floor to Wall
(501 Series 4" (100mm) system shown)



501 Series

Options

Fire Barrier System
(501 Series 4" (150mm) system shown)



Vapor Barrier System
(501 Series 8" (200mm) system shown)

