

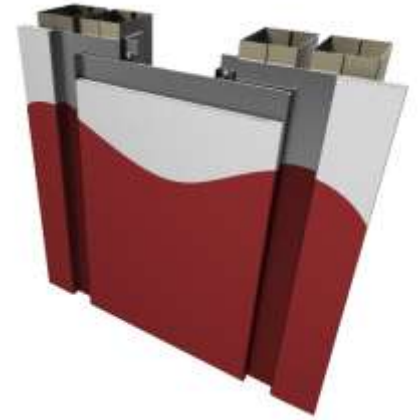
353/355 Series Seismic Expansion Joint System

Executive Summary - Key Product Advantages

A major challenge in expansion joint design and development has historically been movement in all directions while maintaining minimal sightlines.

The problem with most existing systems is the use of flimsy hook-and-loop tape (aka Velcro®) and bungee cords to secure the panels during seismic events. Velcro in this application does not handle day-to-day movement well and it fatigues over time. Other systems go to the opposite extreme - vastly over-engineered systems that are extremely expensive.

The new Inpro 353/355 system strikes a solid balance by using ceramic magnets to hold the panels in place, and stronger braided-metal arresting cables. The system accommodates up to 100% +/- movement, and the pan is expertly engineered to accept many common infill materials to minimize sightlines.



Design and Engineering Features of the 353/355 Series



- Flush seismic-capable coverplate system for walls and ceiling expansion joint applications. Accommodates up to 100% +/- movement as well as lateral shear.
- Ranges from small to extremely wide joint conditions while maintaining a minimal sightline impact to the interior environment
- Recessed pan options include:
 - Flush metal coverplate
 - Gypsum board infill capable
 - Ceramic tile and solid surface infill capable
- Minimal sightline presentation is standard, with floor coverplate alignment options available by request
- Magnetic retention system allows for generous daily thermal movement and minor lateral shear allowances without disengagement from the wall
- Panel disengages during heavy seismic cycles. Arrest cables ensure panel remains against walls/ceiling so corridor egress widths are not impaired

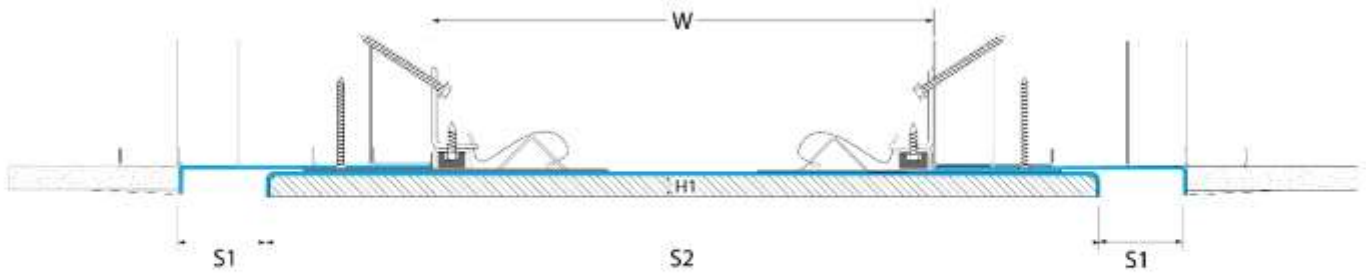
Shown above are the 353 Wall/Ceiling System and 501 Floor System

Design and Engineering Features *(continued)*

- No exposed hardware alleviates security and cleanliness concerns
- Supplemental acoustic and thermal barriers available

353 CAD and System Parameters

Wall to Wall



353 A07 Wall to Wall
(6" (150mm) system shown)

Application	System	W		H1		S1 (Applies to 353)		S2 (Applies to 355)		B (Applies to 353 only)		Seismic Movement +/-			
		Joint Width		Pan Height		Sightline		Sightline		Blockout		Horizontal		Vertical	
		US	mm	US	mm	US	mm	US	mm	US	mm	US	mm	US	mm
Wall to Wall	353/355-A07-150	6"	152	1/8"	13	1 1/4"	32	10 1/8"	267	5 3/8"	149	3"	76	3"	76
	353/355-A07-200	8"	203	1/8"	13	1 1/4"	32	13 1/8"	343	5 3/8"	137	4"	102	4"	102
	353/355-A07-250	10"	254	1/8"	13	1 1/4"	32	16 1/8"	419	5 3/8"	137	5"	127	5"	127
	353/355-A07-300	12"	305	1/8"	13	1 1/4"	32	19 1/8"	495	5 7/8"	149	6"	152	6"	152
	353/355-A07-400	16"	406	1/8"	13	1 1/4"	32	22 1/8"	572	5 3/8"	137	8"	203	8"	203
	353/355-A07-450	18"	457	1/8"	13	1 1/4"	32	25"	635	5 3/8"	143	9"	228	9"	228
	353/355-A07-500	20"	508	1/8"	13	1 1/4"	32	26 1/8"	673	5 3/8"	137	10"	254	10"	254
353/355-A07-600	24"	610	1/8"	13	1 1/4"	32	30 1/8"	775	5 3/8"	137	12"	305	12"	305	
Wall To Corner	353/355-A09-150	6"	152	1/8"	13	1 1/4"	32	8 1/4"	210	5 7/8"	149	3"	76	3"	76
	353/355-A09-200	8"	203	1/8"	13	1 1/4"	32	10 1/8"	273	5 3/8"	137	4"	102	4"	102
	353/355-A09-250	10"	254	1/8"	13	1 1/4"	32	13 1/16"	347	5 3/8"	137	5"	127	5"	127
	353/355-A09-300	12"	305	1/8"	13	1 1/4"	32	15 3/8"	400	5 7/8"	149	6"	152	6"	152
	353/355-A09-400	16"	406	1/8"	13	1 1/4"	32	19 1/8"	489	5 3/8"	137	8"	203	8"	203
	353/355-A09-450	18"	457	1/8"	13	1 1/4"	32	22 3/8"	575	5 7/8"	149	9"	228	9"	228
	353/355-A09-500	20"	508	1/8"	13	1 1/4"	32	23 1/4"	591	5 3/8"	137	10"	254	10"	254
353/355-A09-600	24"	610	1/8"	13	1 1/4"	32	27 1/4"	692	5 3/8"	137	12"	305	12"	305	