

Wall to Wall or Ceiling to Ceiling
Wall to Corner or Wall to Ceiling

Flush Mount Interior Exterior Expansion Joints

i750[®]

ichem[®]
building solutions

Product
Guide



Description

The **i750[®]** interior wall + ceiling expansion joint system is flush mounted to reduce sightline. Additionally, the pleated seal comes in a variety of colors to blend into your wall material.

Key Features

- **Install Condition:** Wall/Wall, Ceiling/Ceiling.
- **Joint width:** 150-300mm.
- Flush mount interior systems reduce sightline.
- Standard seal colors: black, beige, gray, off white and bright white. Custom colors available upon request.
- May be installed to various substrates with mechanical anchors or epoxy adhesive.
- Mill finish aluminum.

Materials

Aluminum: Alloy types of 6061-T6, 6063-T6, 6005A, or 5052-H32 sheet goods.



Application Instructions

Installation: Joint systems: Install in accordance with manufacturer's instructions.

Align work plumb, level and flush with adjacent surfaces. Mechanically anchor to substrate. Allowances should be made where actual structural gap at time of installation varies from nominal design gap. No shimming of frames is permitted. Coordinate with work of other Sections.

If concrete blockouts (rebates) are required, ensure continuous support equal to surrounding substrate structural values.

Fire Rated Assemblies: Where required, install to manufacturer's instructions.

Moisture Barrier: Where required, install to manufacturer's instructions.

Protect: the completed Expansion Control system work from damage during construction. Damage protection includes surface abrasion and overloading of coverplate by materials handling equipment and construction waste/debris. Protection from environmental factors required throughout installation process until Project Closeout. Protection includes but is not limited to rain events, moisture protection, exposure to temperature fluctuations or direct sunlight for temperature sensitive product offerings.

Store

Store components in original containers in a clean, dry location. Ensure temperature or moisture sensitive components are stored in a tempered location.

Contractor to provide temporary protective covers on all installed finished surfaces. Protection is required to guard against both surface abrasions as well as overloading of horizontal deck components by construction traffic.

Movement ± 50%

Application	System	W	H1	H2	S	B	Movement +/-		L
		Joint Width	Frame Height 1	Height 2	Sightline	Blockout	Horizontal	Vertical	Load
		mm	mm	mm	mm	mm	mm	mm	Kn
Wall/Wall Ceiling/ Ceiling	i750-150	150	75	*	150	*	75	75	*
	i750-200	200	75	*	200	*	100	100	*
	i750-250	250	75	*	250	*	125	125	*
	i750-300	300	75	*	300	*	150	150	*
Wall/Corner Wall/Ceiling	i750-C-150	150	75	*	150	*	75	75	*
	i750-C-200	200	75	*	200	*	100	100	*
	i750-C-250	250	75	*	250	*	125	125	*
	i750-C-300	300	75	*	300	*	150	150	*

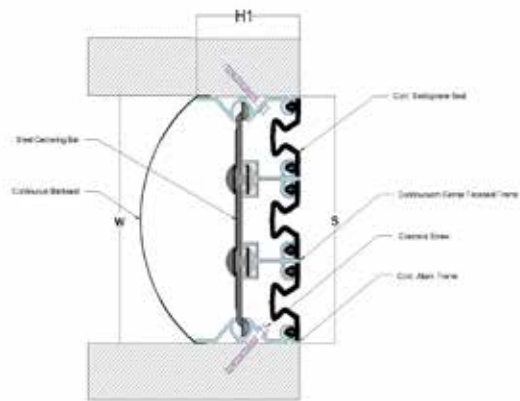
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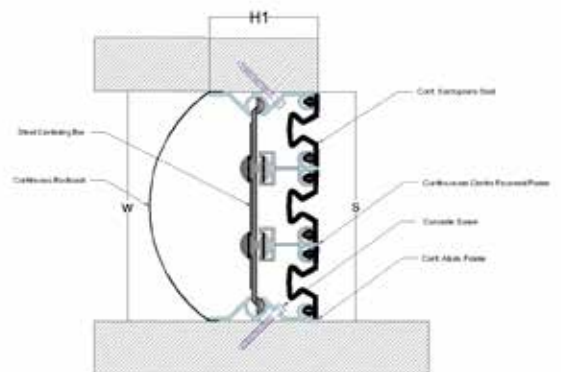
i750®

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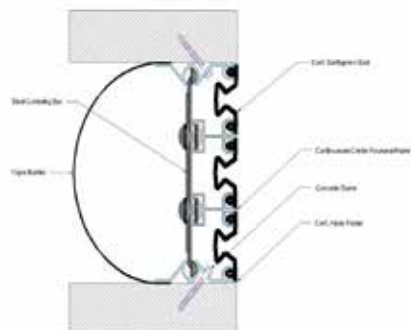
Series i750 - 150



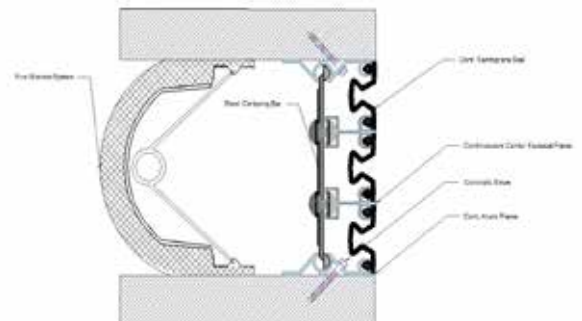
Series i750 - C -150



Series i750 - 150 iFlex PVC Options



Series i750 - 150 FireStop S30 Options



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