

## Expansion Joint Wall Systems

# i315<sup>®</sup>



### Product Guide



Thermal



Interior



Vapor Barrier Option



Fire Rated Option

### Description

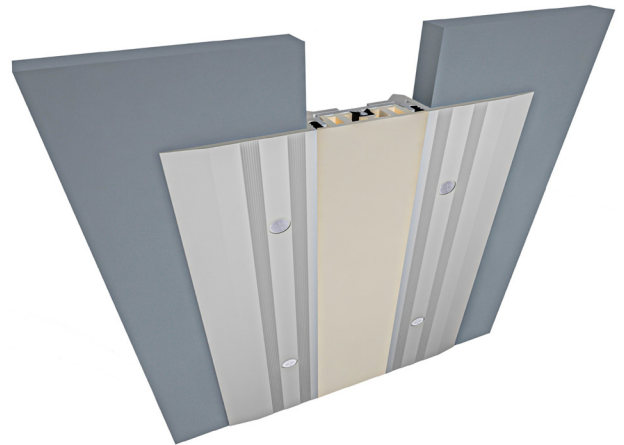
The i315<sup>®</sup> a System is a recessed mount wall expansion joint system. can coordinate with your desired walling finish.

### Key Features

- **Install Condition:** Wall/Wall, Wall to Corner.
- **Joint width:** 25-50mm.
- System is ideal for retrofit applications.
- Designed to accommodate several different wall finishes such as tile, wood, or concrete.
- Easy to clean flush seals, no dirt or water traps.
- Standard and Custom seal colors available.
- Dual durometer seal provides a secure fit and optimal flexibility.
- Snap-fit design for easy on site assembly.
- Standard loading capabilities.
- Clear anodized finish.

### 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.

## Expansion Joint Wall Systems

# i315<sup>®</sup>



**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 ± 25%

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	i315-25	25	16	*	120	*	6	6	40
	i315-50	50	25	*	140	*	13	13	30
Wall/Corner Wall/Ceiling	i315-C-25	25	16	*	75	*	6	6	40
	i315-C-50	50	25	*	95	*	13	13	30

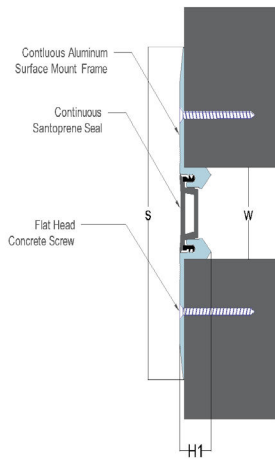
Wall to Wall or Ceiling to Ceiling  
Wall to Corner or Wall to Ceiling

## Expansion Joint Wall Systems

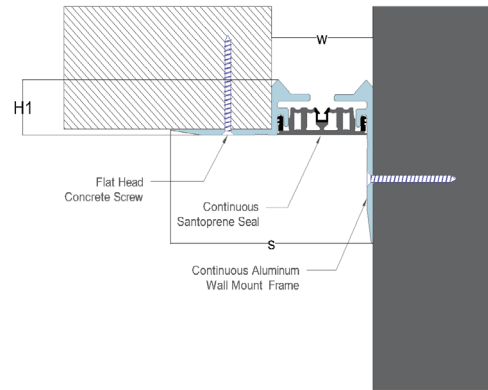
# i315<sup>®</sup>



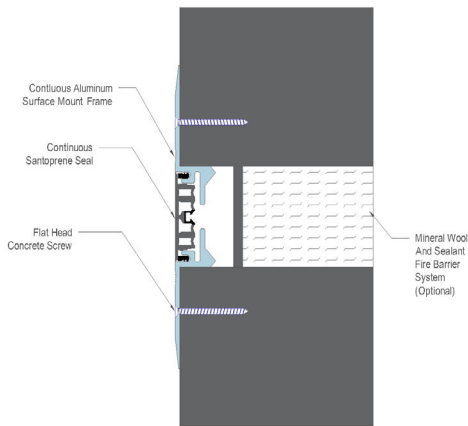
### Series i315-25



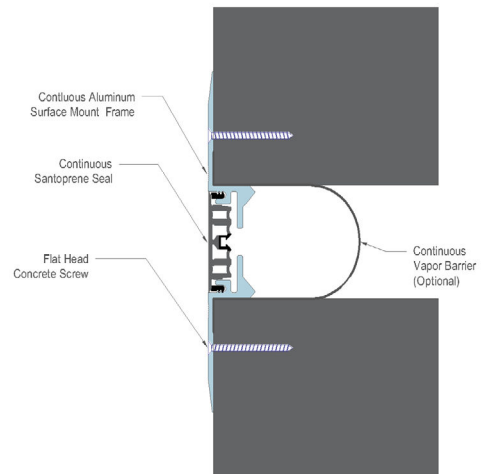
### Series i315-50 C



### Series i315-50 - Mineral Wool & Sealant Fire Barrier Options



### Series i315-50 - iFlex PVC Options



Technical Data Sheet - January 2024, Version 1.1.5

Factory  
Website  
Email

: Abu Zabal Industrial Area  
: [www.iChemEg.com](http://www.iChemEg.com)  
: [info@ichemeg.com](mailto:info@ichemeg.com)

