

Product Guide



ADA Compliant



Thermal



Interior



Exterior

Description

The **i345®** a System is a Floor Aluminum Movement Joint used for the expansion gap between floors.

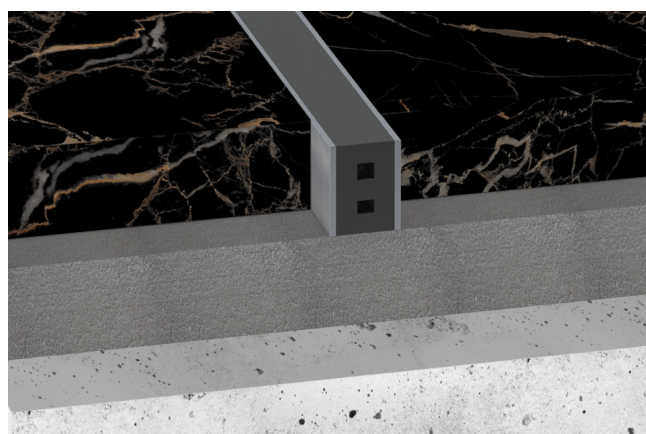
Key Features

- **Install Condition:** Floor/Floor.
- Recessed modular frames for minimal sight line.
- Dual durometer seal provides secure fit and optimal flexibility.
- Adaptable to many finishes, including ceramic tile, marble, stone, terrazzo and resin.
- Excellent weatherability and UV resistant.
- Standard and Custom seal colors available.
- Snap-fit design for easy on site assembly.
- Easy to clean flush seals.
- No dirt or water traps.
- Mill finish aluminum.
- Available in several colors: Beige-Black-Grey.



Materials

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



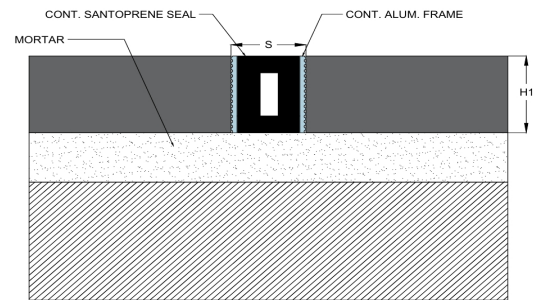
Application Instructions

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.

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 $\pm$ 25%

System	W	H1	H2	S	B	Movement +/-	
	Joint Width	Frame Height 1	Height 2	Sightline	Blockout	Horizontal	Vertical
	mm	mm	mm	mm	mm	mm	mm
i345-10*20	10	20	*	10	*	2.5	2.5
i345-20*20	20	20	*	20	*	5	5
i345-20*40	20	40	*	20	*	5	5
i345-40*20	40	20	*	40	*	10	10

