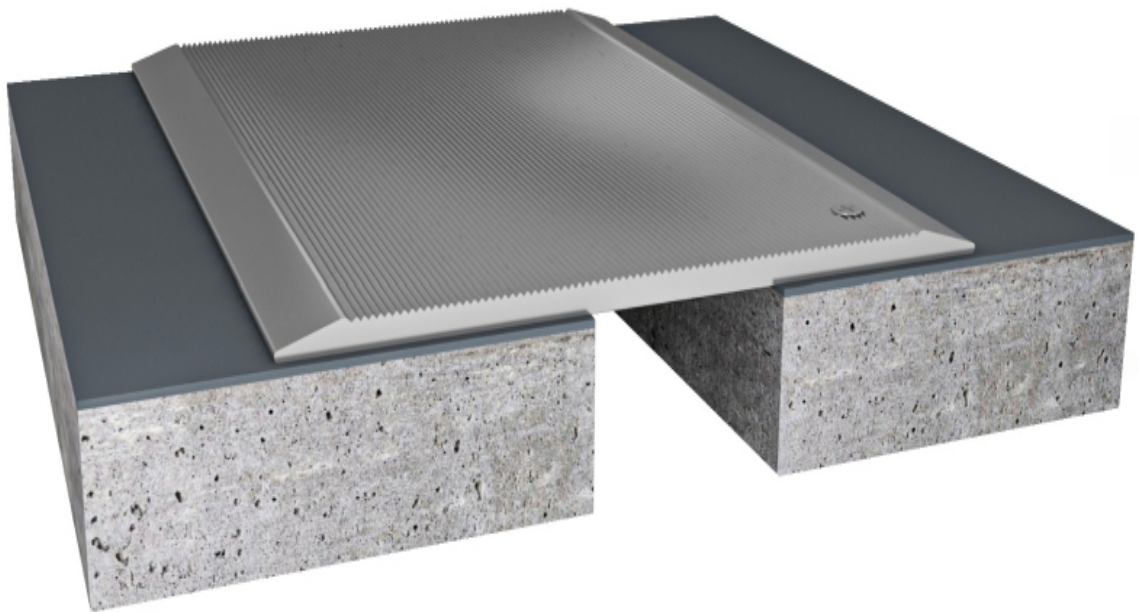




i845[®] Submittal



Floor Expansion Joint Covers

i845[®]



Product Guide



Description

The i845[®] is a floor expansion joint system is designed for uneven slab construction.

Key Features

- **Install Condition:** Floor/Floor, Floor/Wall.
- **Joint width:** 25-100mm.
- Optional fire rated.
- Seamlessly integrates with coordinating Wall system.
- Anti-slip surface serrations.
- Applicable for existing conditions, additions and new construction .
- 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.

Floor Expansion Joint Covers

i845[®]



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%

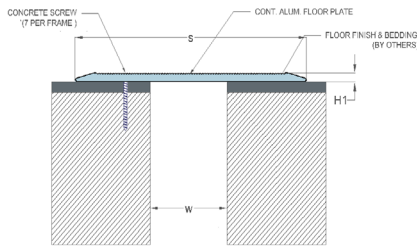
Application	System	W	H1	H2	S	B	Movement +/-		L
		Joint Width	Frame Height 1	Height 2	Sightline	Blockout	Horizontal	Vertical	Load
		mm	mm	mm	mm	mm	mm	mm	Kn
Floor/Floor	i845-25	25	5	*	150	*	13	*	50
	i845-50	50	5	*	150	*	19	*	50
	i845-75	75	6	*	250	*	25	*	50
	i845-100	100	6	*	250	*	51	*	50
Floor/Wall	i845-C-25	25	5	*	100	*	13	*	50
	i845-C-50	50	5	*	100	*	19	*	50
	i845-C-75	75	5	*	175	*	25	*	50
	i845-C-100	100	5	*	175	*	51	*	50

Floor Expansion Joint Covers

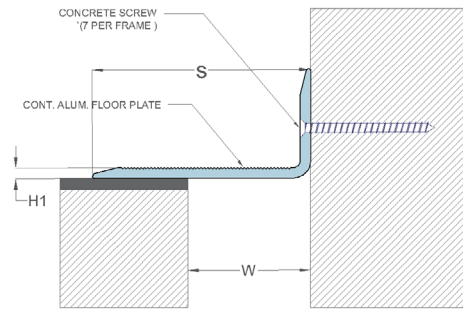
i845[®]



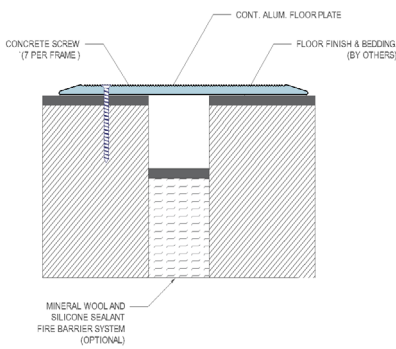
Series i845 - Floor to Floor



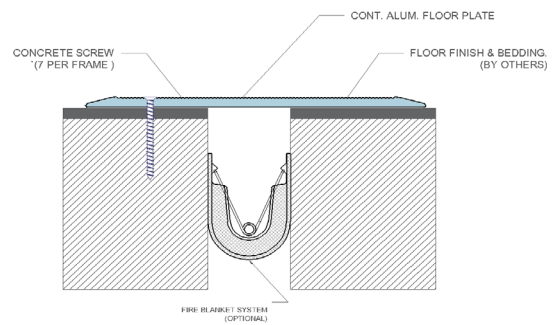
Series i845 C - Floor to Wall



Series i845 - Mineral Wool & Sealant Fire Barrier Options



Series i845 - FireStop S30 Options



Floor to Floor
Floor to Wall

Floor Expansion Joint Covers

i845[®]



Our Previous Submittals & Approvals



طلب اعتماد مواد

Material Approval Request

التاريخ :- 20/08/2024

رقم الطلب :- MCC-MUST-MAR-AR-140-00

مستقر :- جامعة مصر للعلوم والتكنولوجيا

<input type="checkbox"/> Other / أخرى	<input type="checkbox"/> As Built Dwg	<input checked="" type="checkbox"/> مواصفات قلية Specs	<input type="checkbox"/> رسومات تشغيل work shop	نوع المستند	
الشركة / المورد	التفاصيل : الترددات : DATA SHEET + عينه	ميكانيكا	كهرباء	معماري	إشغلي
I CHEM شركة		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

نوعية الاصل :-

SR	Material Approval Request : طلب اعتماد عينات فواصل شركة I CHEM	CODE
1	قطاع 412 الخاص بفواصل الكباري	A
2	قطاع 845 الخاص بفواصل الجراجات	B
3		
4		
5		
6		



MUST CONSTRUCTION COMPANY

المقاول/Contractor

الاسم/Name : م/احسان فؤاد
التوقيع/Signature :

مدير المشروع/المقاول
Project Manager

الاسم/Name : م/محمد عبد الله
التوقيع/Signature :

مهندس
الجودة/المقاول
Quality Engineer

نتيجة التقييم / Result

التقييم / Evaluation

مرفوض / Rejected D <input type="checkbox"/>	يعاد التقديم / Resubmit C <input type="checkbox"/>	معتد بشروط / Approved as noted B <input checked="" type="checkbox"/>	معتد / Approved A <input checked="" type="checkbox"/>	تاريخ الاستلام / Date : Receive	المستلم / Receiver
--	---	---	--	------------------------------------	--------------------

اقتراح و التوصيات / Recommendation

لما بلغنا التفتيش بمقتضاها من المالك والمهندس المختص بالمشروع
وعلى عينه قبل إصدار الموافقة



مستشار المشروع/Project Consultant

الاسم/Name : م/محمد عبد الله
التوقيع/Signature :

مدير المشروع
Project Manager

الاسم/Name : م/محمد عبد الله
التوقيع/Signature :

الإستشاري
Consultant

i845 Submittal - November 2024, Version 1.1.6

Office : 22 El-Shaheed Mohamed Abd El-Hadi Street, Nasr City, Cairo
Website : www.iChemEg.com
Email : info@ichemeg.com

