

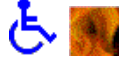


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Last modified: May 09, 2005

Founded 1959. In North America since 1979.



MIGUTRANS FS 130/...



DESIGN FOR DURABILITY:

Point loads are the number one killer of interior floor expansion joints and surrounding flooring materials.

"Rubber-and-rail" systems don't last. Cover-plates and lightly-constructed "floating-plate-and-ball" systems create slip, trip and noise hazards.

EMSEAL is proud to offer a unique line of elegant, well-engineered floor expansion joint systems.

The superior design of the MIGUTRANS series eliminates dangerous, noisy, and unsightly joint deterioration as well as the disruption and expense of replacing failed systems.

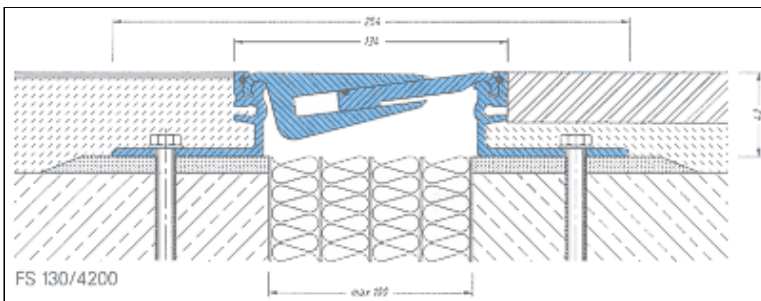
The complete line of options caters to a variety of design conditions in both new and retrofit construction. Wheel and axle load ratings ensure suitability for use by everything from coin carts and mobile medical equipment to the heaviest forklifts and other materials handling equipment.

Make MIGUTRANS the Basis of Design for your floors. [Go to the MIGUTRANS HIGH-POINT-LOAD JOINT index at emseal.com.](#)

For joint sizes up to 4-inches (100 mm) in floors where high point loads are expected:

- Fork Lifts
- Trucks
- Emergency Vehicles
- Scissor Lifts
- Coin Carts
- Luggage Carts
- Hand Trucks
- Pedestrians
- Mobile Medical Equipment
- Gurneys
- Vendor Carts
- Maintenance Equipment

DIMENSIONS and MOVEMENT CAPABILITY:		
Joint Size	Movement Capability	Visible Width
<p>Up to* mean joint size of:</p> <p style="text-align: center;">4" (100mm)</p> <p>*For example: Can be used to straddle mean joint sizes of 1", 2", 3" or 4" (25, 50, 75, 100mm)</p>	<p style="text-align: center;">1 1/2" (40 mm)</p> <p style="text-align: center;">+3/4" and - 3/4" (+20mm and -20mm)</p> <p style="text-align: center;">from mean-T⁰ midpoint of movement range</p>	<p style="text-align: center;">5 1/4" (134mm)</p>



LOAD CAPACITY		
Load per axle for trucks with pneumatic tires:	Load per axle for forklifts with pneumatic or solid, soft-rubber tires:	Load per axle for equipment with solid, hard-plastic tires:
22,500 lbs 10,200 kg 100 kN	15,700 lbs 7,138 kg 70 kN	365 lbs/inch width of tire 6.5 kg/mm 63.7 N/mm
	NOTE: Because a fork lift load is carried almost entirely on the front axle, this can also be considered the gross, loaded vehicle weight.	NOTE: Multiply total width of all tires on axle by above value to get total load capacity.
For assistance in calculating wheel loads of expected vehicles-- Consult EMSEAL		

ADVANTAGES:

-Long lasting, maintenance-free, all-metal, aircraft-aluminum construction

-ADA compliant

-Fire-rating achievable through addition of fire caulk or blanket--[Consult EMSEAL](#)

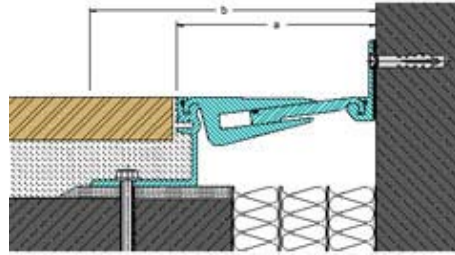
-Ribbed, no-skid surface

-Smooth, no-bump traffic surface at any opening state of the joint

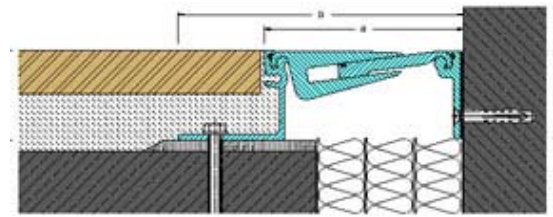
-Grooveless, dirt-free surface

-Three-way movement capability

Deck-to-Wall Version (E-4)



Deck-to-Wall Version (E-3)



LEG-HEIGHT OPTIONS & INSTALLATION DIMENSIONS:

Model #:	Leg Height	Floor-To-Wall Options	Production Length	Overall Width	Installation Height	Blockout Width
FS 110/4200	1 5/8" (42mm)	E-4(wall flange turned up)	13.12' (4 m)	10" (254mm)	Finished floor level = Leg Height + 1/4-inch (6mm) for epoxy-mortar setting-bed	For retrofit or solid slab installations, Blockout recess width will vary depending on joint-gap size-- Consult EMSEAL
FS 110/5200	2" (52mm)					
FS 110/6200	2 1/2" (62mm)					
FS 110/7700	3" (77mm)	E-3 (wall flange turned down)				
FS 110/8700	3 1/2" (87mm)					
FS 110/9700	3 7/8" (97mm)					

--[EMSEAL_FS130_ProductData \(.pdf\)](#)--

--[Link to CAD Details \(.dwg\)](#)--

--[GuideSpec-05800-Floor&Wall \(.htm\)](#)--

--[GuideSpec-05800-Floor&Wall \(.doc\)](#)--

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