



## INTERIOR FLOOR-EXPANSION-JOINT CHECKLIST

The following basic information is required in order to make a preliminary technology choice for bridging expansion joints in interior floors. This may not be the only information required but it is a good start.

**Fax to EMSEAL at:**  
**USA & Abroad: 508-836-0281**  
**Canada: 416-740-0233**

**Date:** \_\_\_\_\_ **Job Name:** \_\_\_\_\_ **Location (City & State):** \_\_\_\_\_

**Your Name:** \_\_\_\_\_

Your Company: \_\_\_\_\_

PH: \_\_\_\_\_ FX: \_\_\_\_\_

email: \_\_\_\_\_

**Type of Construction:**  New  Retrofit

**Building Use:**

- Warehouse  Convention center
- Hospital/Clinic  Stadium concourse
- Retail  Stadium suite
- Airport  Stadium hallways
- Correction/Prison  Kitchen
- School  Office
- University  Assisted living
- Laboratory  Clean-room
- Other \_\_\_\_\_

**Flooring Type:**

- Concrete  Ceramic tile  Granite
- Terrazzo  Synthetic (VCT)  Marble
- Carpet  Other \_\_\_\_\_

**Flooring thickness:** \_\_\_\_\_

**All Traffic type(s):**

- Forklifts  Scissor lifts
- Trucks  Luggage carts or luggage
- Wheelchairs  Emergency vehicles
- Gurneys  Mobile medical equipment
- Hand trucks  Shopping carts
- Vendor carts  Beer/soda kegs on dollies
- Coin carts  Wire-guided vehicle systems
- Pedestrian  Laser-guided vehicle systems
- Spiked heels  Robot-guided vehicle systems
- Other \_\_\_\_\_

**Worst-Case Vehicle Load or Point Load:**

(most severe condition from expected traffic types)

**Vehicle type:** \_\_\_\_\_

**Wheel Type:**  Pneumatic or solid, soft-rubber

Solid, hard plastic, or hard rubber

Other \_\_\_\_\_

No. wheels per axle: \_\_\_\_\_ Wheel width: \_\_\_\_\_

Gross, loaded vehicle weight: \_\_\_\_\_

Max Axle Load: \_\_\_\_\_ (lbs or kg?)

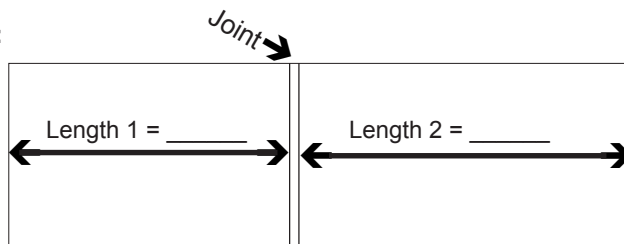
**Joint Material currently installed or specified:**

- Rubber-and-Rail Strip Seal
- Aluminum, curved, floating-plate cover
- Cover-plate -- surface mounted
- Cover-plate -- recessed in blockout
- Compression Seal  Caulk  Poured-filler
- Other \_\_\_\_\_

**Plan View of Floor:**

(Show location of expansion joint(s) and lengths of slabs on each side of joint(s). (Attach additional sheets as needed.)

Example:



**Cross-section sketch of joint:**

**Joint-gap width is:**

**Retrofit:** Field-measured, existing joint-gap = \_\_\_\_\_ (inches or mm?) at  Deck surface temp.  Ambient temp. of: \_\_\_\_\_ (°F or °C?)

**New Construction:** Designed joint-gap is \_\_\_\_\_ (inches or mm?)

**Temperature/Environment:**

- Not climate controlled (i.e. no heat or air conditioning)
- Climate controlled above and below slab
- Climate controlled above slab only
- Climate controlled below slab only

**Total quantity of expansion joint(s):** \_\_\_\_\_ (feet or meters?)

**Transitions at obstacles** (over, through, around, under, next to):

- Flat turn in floor--angle is:  90°  Other \_\_\_\_\_°
- Flat turn at column or wall--angle is:  90°  Other \_\_\_\_\_°
- Changes from 'floor-to-floor' to 'floor-to-wall'
- Cross  Tee  Along Wall (floor-to-wall)
- Other \_\_\_\_\_

**Joint terminates:**

- Into split column
- Into wall -- Joint in wall lines up
- Into wall -- Joint in wall offset
- Into wall -- No joint in wall
- Into tee at floor-to-wall perimeter joint

**Expected Movements:**  Unknown

Type of Movement:	Amount:
<input type="checkbox"/> Normal thermal	+ _____ - _____ Total: _____
<input type="checkbox"/> Differential vert. deflection	+ _____ - _____ Total: _____
<input type="checkbox"/> Longitudinal shear	+ _____ - _____ Total: _____
<input type="checkbox"/> Other _____	+ _____ - _____ Total: _____