DECK-EXPANSION-JOINT CHECKLIST

*The following basic information is required in order to verify or make a preliminary technology choice for sealing **joints in the horizontal plane**. This may not be the only information required but it is a good start.*

Fax to EMSEAL at: 508-836-0281 or email to: techinfo@emseal.com

Need help? 1-800-526-8365 or 508-836-0280

Check one: ❑ **Purchase Order Attached: PO#:_____** ❑ **Quote Request** ❑ **Product Selection Inquiry**

Date:_____ **Job Name:**_____ **Location** (City & State): _____

Your Name:_____

Your Email:_____

Your Company:_____

PH:_____FX:_____

Arch / Engineer:_____

A/E Contact:_____

PH:_____FX:_____

Contractor:_____

Contact:_____

PH:_____FX:_____

Type of Construction:
❑ New Construction ❑ Retrofit

Deck(s) exposure:
❑ Intermediate ❑ Exposed ❑ Both
❑ Over occupied space

Deck construction:
❑ Precast Double Tees
❑ Topped ❑ Untopped
❑ Poured in Place ❑ Plaza-Deck (split-slab)
❑ Poured/Metal Pan ❑ Post-Tensioned
❑ Other _____

Traffic type(s):
❑ Car ❑ Pedestrian
❑ Car & Truck/Bus ❑ Only Truck/Bus
❑ None ❑ Other _____

Material currently installed or specified is:
❑ Caulk ❑ Compression Seal
❑ T-Joint (premold) ❑ Membrane/Nosing
❑ Metal Cover Plate ❑ Bolt-Down
❑ Metal Angles in Joint Edges
❑ Strip Seal ❑ Other_____

Does Joint Require A Fire Rating?:
❑ No
❑ Yes, # of Hours_____

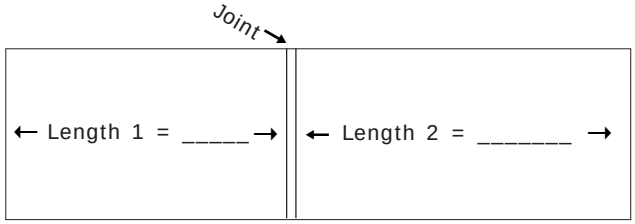
Expected Movements:

Type of Movement:	Amount:
❑ Normal Lateral (Thermal)	+_____-_____ Total:_____
❑ Differential Vert. Deflection	+_____-_____ Total:_____
❑ Shear	+_____-_____ Total:_____
❑ Seismic	+_____-_____ Total:_____
❑ Other_____	+_____-_____ Total:_____

❑ Unknown

❑ Plan View of Deck
(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:

Field-Measured As-Built: *(Supply gap width and temperature)*

Gap
❑ Joint-gap width is _____
❑ Varies from _____ to _____ over its length.
❑ Varies a lot over its length -- *attach elevation sketch with measurements every 6FT (2m).*

Temperature
❑ Substrate Surface Temp. _____ ❑ Ambient Temp. _____
(Measure width on concrete joint-gap faces and shield substrate thermometer from direct sunlight.)

Unbuilt/Designed:
❑ Joint-gap width is _____

Total footage of expansion joint(s) is: _____

Blockouts:
❑ No Blockouts Exist
❑ Blockouts Exist **Side 1:**_____(wide) x _____(deep)
Side 2:_____(wide) x _____(deep)
❑ Unbuilt Blockouts Specified:_____(wide) x _____(deep)

Transitions at obstacles *(over, through, around, under, next to):*
❑ Flat turn in deck--angle is: ❑ 90-deg ❑ Other-deg._____
❑ Flat turn at column or wall--angle is: ❑ 90-deg ❑ Other_____
❑ Up curb and over sidewalk ❑ Cross
❑ Tee ❑ Along Wall (deck-to-wall)
❑ Other_____

Joint terminates:
❑ Into split column
❑ Into wall/parapet--Joint in wall lines up
❑ Into wall/parapet--Joint in wall offset
❑ Into wall/parapet--No joint in wall
❑ Into wall--perimeter joint between wall & deck
❑ Joint runs off deck