



BELOW-GRADE / FOUNDATION Expansion Joint Checklist

The following basic information is required in order to verify or make a preliminary technology choice for sealing **below-grade, foundation, tunnel, mudslab, etc. applications.**

**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: _____

Structure Function:

- Below-Grade Wall (occupied interior space)
- Foundation Planters Tunnel
- Other: _____

Type of Construction:

New Construction

New Construction Wall Forming Method:

- Poured in place, two-side formed, free-standing walls with access to the joint from the positive side before backfilling
- Blind side, single form, over waterproofing membrane applied against retained earth excavation

Excavation Retention Method:

- pilings and lagging
- sheet piling
- shot-crete
- Other: _____

Retrofit

Retrofit Wall Access:

- Negative-side access only (from inside of structure)
- Positive-side access due to excavation of backfill

New to Existing

Expansion Joint Location: (check all that apply)

- In walls In floor Under floor In roof
- Planters Planters to split-slab deck

Does Joint Require A Fire Rating?

- No Yes, # of hours _____

Floor Construction Method:

- Concrete Slab over compacted fill Concrete Slab over mud slab

Other: _____

Drainage Plan: (check all that apply)

- Positive passive drainage
 - drainage board
 - gravel tiling or perf. pipe
- Active, pumped dewatering

Other: _____

Hydrostatic Head:

- No Yes, Amount: _____

Below-Grade Waterproofing Membrane:

Bentonite:

- BPE-Bentonite Polymer Alloy Geotextile Panels

Other: _____

Peel and Stick: (Manf.) _____

Heat Weldable (TPE) (Manf. & Type) _____

HDPE Membrane (Manf.) _____

Liquid Membrane: cold hot (Manf.) _____

Other (Manf. & Model) _____

Joint Details

- I have faxed or emailed additional information, current dimensioned plan views and/or cross-section details of each joint condition.

Joint-gap width is:

Retrofit: Field-Measured, existing joint-gap = _____ (inches) at a Concrete Surface Temp. Ambient Temp. of: _____ (degrees F) (Remember to measure width on concrete joint-gap faces and shield your substrate thermometer from direct sunlight.)

New Construction: Designed or unbuilt joint-gap is _____ (inches)

Total footage of expansion joint(s) is: _____

Expected Movements:

Type of Movement:

Normal Lateral (Thermal)

Amount:

+ _____ - _____

Total: _____

Differential Vert. Deflection

+ _____ - _____

Total: _____

Shear

+ _____ - _____

Total: _____

Seismic

+ _____ - _____

Total: _____

Other _____

+ _____ - _____

Total: _____

Unknown