



WALL-EXPANSION-JOINT CHECKLIST

The following basic information is required in order to verify or make a preliminary technology choice for sealing joints in the vertical plane.

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

Joint(s) are: Above-Grade Below-Grade
 Exterior Interior

Joint-Gap Function or Type is:

- Abutment joint between new and existing buildings
- Window perimeter joint
- Perimeter joint around a wall penetration
- Expansion joint in panels or facade sections
- Structural expansion joint in main structure
- Joint at change in building elevation
- Interior wall joint or partition filler
- Other _____

Substrates are: (check one box from each column):

- | | |
|---|---|
| One Side: | Other Side: |
| <input type="checkbox"/> Brick | <input type="checkbox"/> Brick |
| <input type="checkbox"/> Cast-in-Place Concrete | <input type="checkbox"/> Cast-in-Place Concrete |
| <input type="checkbox"/> Aluminum (window-wall) | <input type="checkbox"/> Aluminum (window-wall) |
| <input type="checkbox"/> CMU (concrete block) | <input type="checkbox"/> CMU (concrete block) |
| <input type="checkbox"/> Precast | <input type="checkbox"/> Precast |
| <input type="checkbox"/> Granite panel | <input type="checkbox"/> Granite Panel |
| <input type="checkbox"/> Limestone | <input type="checkbox"/> Limestone |
| <input type="checkbox"/> Marble | <input type="checkbox"/> Marble |
| <input type="checkbox"/> EIFS | <input type="checkbox"/> EIFS |
| <input type="checkbox"/> Metal Panel | <input type="checkbox"/> Metal Panel |
| <input type="checkbox"/> GFRP (Glass Fiber) Panel | <input type="checkbox"/> GFRP (Glass Fiber) Panel |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> Other _____ |

Joint is: Primary Seal Secondary Seal

Joint Must Seal Out (check all that apply):

- Rain/water Heat
- Air Cold
- Wind Vermin (birds, bugs, etc.)
- Other _____

Material currently installed or specified is:

- Caulk Compression Seal
- Inflated Seal Closed-Cell Foam
- Strip Seal Cover Plate
- Impregnated Open-Cell Foam
- Other _____

Plan view, cross section sketch through joint showing dimension of joint gap and depth of substrates (or attach designer's drawing).

Does Joint Require A Fire Rating?

No Yes, # of hours _____

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. of: _____
 - Ambient Temp. of: _____
- (Remember to measure width on concrete joint-gap faces and shield your substrate thermometer from direct sunlight.)*

Unbuilt/Designed:

Joint-gap width is _____

Total footage of expansion joint(s) is: _____

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

- Joint Turns--angle is: 90-deg Other
- Cross
- Tee
- Along slopes
- Transitions into roof joint
- Over and down parapet wall
- Other _____

Expected Movements:

Type of Movement:	Amount:
<input type="checkbox"/> Normal Lateral (Thermal)	+ _____ - _____
	Total: _____
<input type="checkbox"/> Differential Deflection	+ _____ - _____
	Total: _____
<input type="checkbox"/> Shear	+ _____ - _____
	Total: _____
<input type="checkbox"/> Seismic	+ _____ - _____
	Total: _____
<input type="checkbox"/> Other _____	+ _____ - _____
	Total: _____
<input type="checkbox"/> Unknown	