

“Pre-Con Checklist” for “Install & Inspection of Life Safety”

Fire Rated – Life & Property Safety

- 1) Engineer of Record (EOR) Specified Deflection Criteria for Structure?
- 2) Project Movement/Zone Rating (i.e. Seismic “III”, Wind Sway “II”, or Thermal “I”)?
- 3) Fire Rated Joint Protection/System verify use in both Dynamic & Static conditions?
 - a. All details certified to provide Required Cyclical Rating (i.e. Seismic)?
 - b. System certified to meet “Overall” Deflection (+/- Multi-Story) Requirements?
 - c. System limitations if Required Encumbering “Joint Fill” Materials?
 - i. Certified Required & Limited Installed Deflection Gap allowed?
 - ii. Certified Limit (i.e. **Multi-Story = Installed Gap**) \times (**Extension %**) \times 2)?
 - iii. Required Larger Installed Deflection Gap to accommodate “Gap Fill”?
 - d. System Unencumbered (no joint fill) Certified Movement product/system 100%?
 - i. Required Installed Deflection Gap?
 - e. Required Track Flange Length to support stud and joint protection/overall deflection?

Smoke Rated Life Safety & Sound Rated Seal

- 1) Engineer of Record (EOR) Specified Deflection Criteria for Structure?
- 2) Project Movement/Zone Rating (i.e. Seismic “III”, Wind Sway “II”, or Thermal “I”)?
- 3) Smoke/Sound Joint Protection address & used both Dynamic & Static conditions?
 - a. All details certified to provide Required Cyclical Rating (i.e. Seismic)?
 - b. System certified to meet “Overall” Deflection (+/- Multi-Story) Requirements?
 - c. System limitations if Required Encumbering “Joint Fill” Materials?
 - i. Certified Limit product/system movement (i.e. 8, 10, or 12% of Installed Gap)?
 - ii. Required Installed Deflection Gap per certification accommodate “Gap Fill”?
 - d. System Unencumbered (no joint fill) Certified Movement product/system 100%?
 - i. Required Installed Deflection Gap?