

Jointmaster

Expansion Joint System Care and Maintenance

1. Temporary Protection Measures

After installation by the Contractor, care should be taken to protect surface finishes from damage during construction. Systems not furnished with factory protective covering should be protected until completion of project. For systems with anodized finishes or stainless steel components, the factory protective covering should be left on until completion of project. Upon completion of construction, installer should remove all factory applied film and wipe all exposed surfaces with a clean dry cloth to remove dirt and dust.

2. Facility Operation and Maintenance

Expansion Joint Cover types:

- Thermoplastic synthetic rubber seals (comprised of *Santoprene). General care and cleaning is achieved using a commercial grade cleaner and/or lightly soapy water (ie; Fantastik, Windex or 409). A light cleaning of "Xylene" is suggested to remove tough marks effectively. Wipe on and immediately remove the product then cleanse with standard cleaners listed above. In no instance should an acid or solvent-based product be used to clean the aluminum or rubber surfaces as it will cause premature deterioration and will become brittle/ discolored/ or tear.
- Aluminum and/or Stainless Steel Expansion Joint Covers require no cleaning to maintain performance. However bi-annual inspections and lubrication (white lithium grease) between adjacent componentry is suggested. Ensure frames remain fastened securely in place and coverplate hardware is tightened to maintain appropriate tension on the centerbars. Interior and Exterior Expansion Joint Covers can be cleaned with a mild soap and water or lightly buffed to maintain finishes. Avoid contact with salts as this will oxidize the surface of the aluminum components.
- Facility Maintenance teams should be aware of the point loading capacity of their floor systems. Provide additional plywood or metal plate protection if maintenance equipment exceeding the product's capabilities are utilized.

Fire Barriers

- Annual inspections of the Fire Barrier integrity should occur. Remove Expansion covers and ensure no debris nor moisture is present as this may lessen the barrier's fire resistance rating or ability to cycle properly. Inspect seams for a tight fit and use Intumescent Firecaulks on any small gaps.

Compression seals

- Quarterly Exterior Compression seal inspections and cleaning should occur. Ensure seams and epoxy at perimeters are intact. Clean top ridges of all debris/grit to ensure premature wear and cyclic performance are not impacted.

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