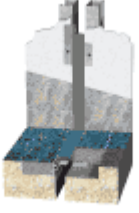

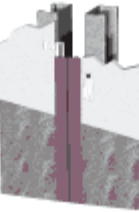



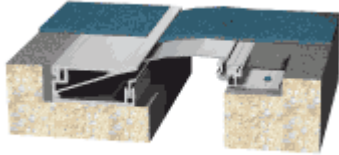

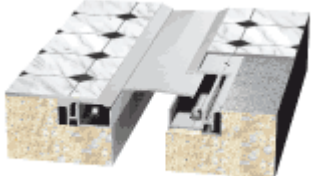

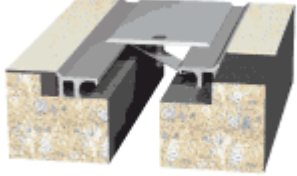

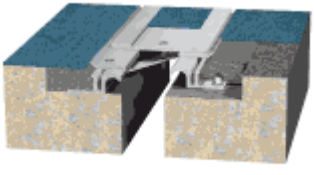





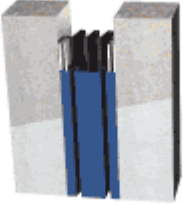

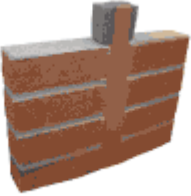



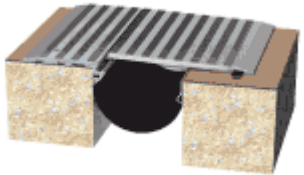





## EJA Design Guide & System Selection



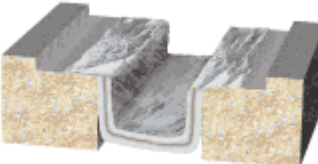

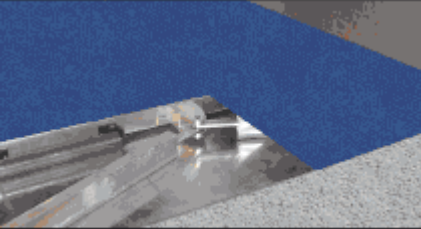

Select a system by clicking on its image.

	MODELS	FEATURES	NOMINAL OPENING	MOVEMENT RANGE	MOVEMENT TYPE	CODES/LOADING TRAFFIC TYPE	APPLICATIONS
 <p>Flushline</p>	FS FSE FSS FSW FSSR FSWL FSST FSA FSNE FSWP FDT WD	<ul style="list-style-type: none"> <li>Flush sightline minimizes appearance.</li> <li>Seals available in eight standard colors.</li> <li>Matching sightlines for floor and walls.</li> <li>Wide range of frame styles.</li> </ul>	1"-12"  25 - 305	.65"-26"  17 - 660	 Seismic Thermal Shear	ADA Pedestrian Vertical	<ul style="list-style-type: none"> <li>No Bump</li> <li>New-to-New or New-to-Existing</li> <li>Floor-to-Floor and Floor-to-Wall</li> <li>Color Coordination to Adjacent Surfaces</li> <li>Carpet or Tile Insets for Floors</li> <li>Mud-In Frames for Walls</li> </ul>
 <p>Flexible Wall &amp; Ceiling</p>	KX VSW CX VSG DX VSS	<ul style="list-style-type: none"> <li>Seals available in decorator colors.</li> <li>Wall and ceiling frame styles.</li> <li>Replaceable elastomeric seals.</li> <li>Mud-in frames for gypsum walls.</li> </ul>	1"-5"  25 - 127	.5"-7.5"  13 - 191	 Seismic Thermal Shear	Vertical	<ul style="list-style-type: none"> <li>Gypsum Walls</li> <li>Gypsum or Drop Ceiling Applications</li> <li>Interior Vertical Openings</li> <li>Color Coordination to Adjacent Surfaces</li> <li>Cost Effective Designs</li> <li>Flat-to-Flat and Corner Conditions</li> </ul>
 <p>Metal Wall &amp; Ceiling</p>	FX-K FX-L EX-K EX-L X-M X-N	<ul style="list-style-type: none"> <li>Sturdy and durable aluminum covers.</li> <li>Standard anodized or Kynar, 500®/Hylar, 5000® finishes.</li> <li>Accepts most wall finishes.</li> <li>Durable and vandal resistant.</li> </ul>	1"-8" 25 - 203	0"-12" 0 - 305	 Seismic Thermal Shear	Vertical	<ul style="list-style-type: none"> <li>Gypsum, Block or Other Substrates</li> <li>Wall or Ceiling Applications</li> <li>Flat-to-Flat and Corner Conditions</li> <li>Interior Vertical Applications</li> <li>Color Coordination to Adjacent Surfaces</li> </ul>

 <p><b>Hidden Sight Line</b></p>	<p>HSL HSLN VSL</p>	<ul style="list-style-type: none"> <li>Minimal sightline (exposed surface).</li> <li>Accommodates vertical displacement.</li> <li>Floor and wall models.</li> <li>Accepts a variety of floor finishes.</li> <li>Optional brass or stainless trim strips.</li> </ul>	<p>2"-6" 51 - 152</p>	<p>1"-9" 25 - 229</p>	 <p>Seismic Thermal Shear</p>	<p>ADA Heavy Pedestrian</p>	<ul style="list-style-type: none"> <li>New-to-New and New-to-Existing</li> <li>Floor-to-Floor and Corner Conditions</li> <li>Heavy Pedestrian Areas</li> <li>Carpeted Surfaces</li> </ul>
 <p><b>Classic Curved Cover Systems</b></p>	<p>HFX HFXE EHFX HFXR HFDEM HFREH</p>	<ul style="list-style-type: none"> <li>Accommodates vertical displacement.</li> <li>Durable aluminum frames and covers.</li> <li>Exposed or recessed cover styles.</li> <li>Accepts a variety of floor finishes.</li> <li>New-to-existing and corner styles available.</li> </ul>	<p>1"-4" 25 - 102</p>	<p>0"-6" 0 - 152</p>	 <p>Seismic Thermal Shear</p>	<p>ADA Pedestrian</p>	<ul style="list-style-type: none"> <li>New-to-New and New-to-Existing</li> <li>Floor-to-Floor and Corner Conditions</li> <li>Tile or Carpet Floor Finishes</li> <li>High Traffic Areas</li> <li>Airports</li> <li>Shopping Malls</li> <li>Educational Facilities</li> </ul>
 <p><b>Heavy Duty Floor</b></p>	<p>HDL SSP HPDS HDM EEHFX XPD</p>	<ul style="list-style-type: none"> <li>Rugged, extra heavy duty design.</li> <li>Surface mount and block-out installation.</li> <li>Thermal and seismic movement designs.</li> <li>Low, minimal bump designs.</li> </ul>	<p>2"-24" 51 - 600</p>	<p>1"-27" 25 - 686</p>	 <p>Seismic Thermal Shear</p>	<p>ADA Pedestrian Forklift Limited Vehicular</p>	<ul style="list-style-type: none"> <li>Transportation Hubs</li> <li>Convention Centers</li> <li>Postal Facilities</li> <li>Money Carts</li> <li>Heavy Mobile Equipment</li> <li>Pedestrian Bridges</li> </ul>
 <p><b>No Bump Floor Cover</b></p>	<p>LASB- NBR LASF-NB PDS</p>	<ul style="list-style-type: none"> <li>Flush, no-bump designs.</li> <li>Variable recesses.</li> <li>Accommodates various floor finishes.</li> <li>Thermal and seismic movement designs.</li> </ul>	<p>1"-24" 25 - 600</p>	<p>0"-24" 0 - 600</p>	 <p>Seismic Thermal Shear</p>	<p>ADA Pedestrian</p>	<ul style="list-style-type: none"> <li>Hospital, Healthcare, Nursing Home</li> <li>Calibrated Equipment Environments</li> <li>Convention Centers</li> <li>Transportation Hubs</li> <li>Money Carts</li> <li>Pedestrian Bridges</li> </ul>

 <p><b>Seismic Floor Cover Systems</b></p>	<p>LASD LASF LAST LASB LSSB</p>	<ul style="list-style-type: none"> <li>Accommodates full seismic movement.</li> <li>Efficient centering bar cover system.</li> <li>Wide range of size/style combinations.</li> <li>Flush or surface cover styles.</li> </ul>	<p>1"-24" 25 - 600</p>	<p>0"-27" 0 - 686</p>	 <p>Seismic Thermal Shear</p>	<p>ADA Pedestrian Seismic</p>	<ul style="list-style-type: none"> <li>Seismic Zones</li> <li>New-to-New and New-to-Existing</li> <li>Floor-to-Floor and Corner Conditions</li> <li>Commercial and Institutional Structures</li> </ul>
 <p><b>Seismic Metal Wall Cover</b></p>	<p>ASC ASCL ASH ASHL ASK ASKL</p>	<ul style="list-style-type: none"> <li>Seismic centering device. <ul style="list-style-type: none"> <li>o Solid aluminum construction.</li> <li>o Surface and flush mount options.</li> <li>o Durable and vandal resistant.</li> </ul> </li> </ul>	<p>1"-24" 25 - 600</p>	<p>20"-48" 508 - 1200</p>	 <p>Seismic Thermal Shear</p>	<p>Vertical Horizontal Ceiling Soffit</p>	<ul style="list-style-type: none"> <li>Interior Walls and Ceilings</li> <li>Exterior Walls and Soffits</li> <li>Watertight Moisture Barrier</li> <li>Kynar, Color Options</li> </ul>
 <p><b>Vertical Sealing System</b></p>	<p>VSS</p>	<ul style="list-style-type: none"> <li>Seismic seal snap locked into aluminum frames.</li> <li>No visible aluminum or hardware.</li> <li>Visual seals available in colors.</li> <li>Resistant to UV, o-zone, acid rain, most chemicals and extreme temps.</li> </ul>	<p>2"-24" 52 - 610</p>	<p>1"-36" 25 - 914</p>	 <p>Seismic Thermal Shear</p>	<p>Vertical Soffit Ceilings</p>	<ul style="list-style-type: none"> <li>Vertical Seismic Joints</li> <li>Vertical Precast</li> <li>Available Secondary Water Seal</li> <li>Color Matching of Wall Finishes</li> </ul>
 <p><b>ColorJoint Silicone System</b></p>	<p>ESS</p>	<ul style="list-style-type: none"> <li>Preformed silicone strip bonded to a rectangular polyurethane backer creates a binary sealing system.</li> <li>System conforms to irregular openings and is soundproof, dust-proof, water and air tight.</li> <li>Engineered 1/2" thick preformed silicone strip virtually eliminates possibility of punctures.</li> <li>Resistant to UV, ozone, and</li> </ul>	<p>1"-5" 25 - 127</p>	<p>.5"-7.5" 13 - 191</p>	 <p>Seismic Thermal</p>	<p>Vertical Horizontal Requires Cover</p>	<ul style="list-style-type: none"> <li>Color Matching of Wall Finishes</li> <li>Vertical Brick &amp; Block Walls</li> <li>Vertical Precast &amp; Perimeter Walls</li> <li>Abutments</li> <li>Stair Tower &amp; Slab-to-Wall Conditions</li> <li>Vertical Joints with No Blockouts</li> <li>Irregular Expansion Joint</li> </ul>

		extreme temperatures.					Openings
 <p>Surface Mount Metal Cover Systems</p>	HSC X-U SN A SJ HCP SP	<ul style="list-style-type: none"> <li>• Load rated heavy-duty aluminum slide plates.</li> <li>• HSC hinge design accommodates vertical offsets in concrete decks.</li> <li>• Optional fabric reinforced rubber waterproofing gutters.</li> <li>• ADA compliant slip resistant raised pattern designs.</li> </ul>	1"-24" 25 - 600	0"-27" 0 - 686		Pedestrian ADA	<ul style="list-style-type: none"> <li>• Surface Mount Applications</li> <li>• Gym Floors</li> <li>• Carpet/Tile</li> <li>• Concrete/Wood Floors</li> </ul>
 <p>Metal Roof &amp; Wall Joint Systems</p>	RXH RXR WJK	<ul style="list-style-type: none"> <li>• Seismic centering devices.</li> <li>• Resistant to snow loads.</li> <li>• Flat or sloped roofs.</li> <li>• Optional Kynar/Hylar finishes.</li> <li>• Water-resistant design.</li> <li>• Secondary moisture barrier.</li> <li>• Factory transitions available.</li> </ul>	1"-24" 25 - 610	0"-36" 0 - 914		Non-traffic Horizontal Vertical	<ul style="list-style-type: none"> <li>• Color to match / compliment adjacent materials</li> <li>• Water resistant applications</li> <li>• Roof and Exterior Walls and Soffits</li> </ul>
 <p>Elastomeric Roof Joint Systems</p>	RSS ERF ERJ	<ul style="list-style-type: none"> <li>• Resistant to UV, ozone, acid rain, most chemicals and extreme temperatures.</li> <li>• Flat or sloped roofs.</li> <li>• Factory transitions available.</li> <li>• Optional secondary moisture barrier.</li> </ul>	2"- 6 " 50 - 150	0"-12" 0 - 305		Non-traffic Horizontal Vertical	<ul style="list-style-type: none"> <li>• Water resistant applications</li> <li>• Roof and Exterior Walls and Soffits</li> </ul>

 <p><b>Waterproof Expansion Joints/Parking</b></p>	<p>LMS EMS SSM EBS ECS ERS SMS CIS</p>	<ul style="list-style-type: none"> <li>Waterproof expansion joint sealing systems.</li> <li>Elastomeric concrete that flexes with deck loads.</li> <li>Engineered to withstand heavy traffic loads and extreme weather conditions.</li> <li>Continuous Elastoprene® seals are ADA compliant.</li> <li>Available with a 5-Year warranty.</li> </ul>	<p>1"-10" 25 - 254</p>	<p>.75"-12.5" 19 - 318</p>		<p>ADA Vehicular Pedestrian Snow Plows Delivery Vertical</p>	<ul style="list-style-type: none"> <li>Watertight</li> <li>Split Slab Waterproof Conditions</li> <li>Color Options Available</li> <li>Parking Decks</li> <li>Plazas &amp; Concourses</li> <li>Snow Plow Areas</li> <li>Fork Truck Traffic</li> </ul>
 <p><b>Fire Barrier</b></p>	<p>PyroFlex Systems</p>	<ul style="list-style-type: none"> <li>ASTM Test Standards E-119, E-1399 and E-1966.</li> <li>Additional Standards: UL 263, UL 2079, UBC 43-1, UBC 7-1, ANSI A2.1 and NFPA 251.</li> <li>Available in 2, 3, 4 and 5 hour ratings and cycle tested for class I, II and III movement including lateral shear.</li> <li>Listed with UL, Omega Point Laboratories, California State Fire Marshall and ICBO Evaluation Service.</li> </ul>	<p>1"-32" 25 - 813</p>	<p>0"-48" 0 - 1219</p>		<p>Fire Ratings: 1 hour 2 hour 3 hour 4 hour 5 hour</p>	<ul style="list-style-type: none"> <li>Horizontal Concrete Joint Openings</li> <li>Vertical Concrete &amp; Masonry Joint Openings</li> <li>Vertical Gypboard Joint Openings</li> </ul>
 <p><b>Base-Isolation Systems</b></p>	<p>SEP SCW SR SRW Pyro-Pad SRM FDS</p>	<ul style="list-style-type: none"> <li>Fire Rated Designs.</li> <li>Accommodates Base -Isolation Movement Requirements.</li> <li>Accommodates Various Floor Finishes.</li> <li>Wide Nominal Openings and Movement Ranges.</li> <li>Tested and listed to current code requirements.</li> </ul>	<p>12+" 305+</p>	<p>100%</p>		<p>ADA Fire Ratings: 2 hour 3 hour</p>	<ul style="list-style-type: none"> <li>Corridor Wraps</li> <li>Exterior Moat</li> <li>Hospitals</li> <li>Heavy Loads</li> <li>Co-Planar Shear Applications</li> <li>Accommodates Rotation Movement in Z Axis Base Isolated Structures</li> </ul>

