• Modular design offers multiple options to effectively blend with adjacent finishes, ideal for concealing exterior expansion joints

• Seismic movement standard (up to ±100%)

• Skillfully engineered to allow movement without damage to cover, mechanisms or surrounding walls

• Creates completely sealed, weather-proof expansion joint
The ConCeal® system for exterior, vertical expansion joints is a highly versatile cover, able to accept popular building façade panels either flush in the pan or as a skin wrapped around the cover. This efficient, modular design is able to accommodate or match a wide range of exterior finishes and cladding, allowing the assembly to blend in with the adjacent walls, causing it to essentially disappear from view.

ConCeal® is ideal for locations prone to higher seismic activity, especially areas with seismic building codes. The system is able to span up to a 36" nominal joint (72" max open), with a hinged door and safety cables that prevent the door from overextending after a movement event, and a cable and counterweight system that safely return the cover back to nominal position, with high-powered magnets to help cover snap back into alignment.

This system was engineered for maximum performance. It effectively covers and weather-proofs the exterior wall expansion joint, is able to accept large movement without damage to the system or its surroundings, and becomes virtually invisible with the adjacent wall finishes, making this an ideal, concealing, feature-packed system.
APPLICATION
- Seismic, exterior wall cover that blends in with surrounding wall finishes

FEATURES
- Modular system, adaptable to accept infill materials or plate wrapped around surface; factory-provided plate configuration standard
- Hinged door with safety cables permits up to seismic movement without damage
- Counterweight and cable system safely returns cover back to nominal position after event; powerful magnets help cover snap back into alignment
- Splicing-capable
- Ships in lengths to match panel coursing, 6’ (1.8m) min, 10’ (3m) max
- Comes standard with secondary water barrier and seals in between panels
- Not for horizontal use

PERFORMANCE
- Seismic, Thermal and Wind movement tested per standard ASTM E 1399
- Contributes to LEED® credits

JOINT SIZES (nominal)
- 8’-36” (200–900mm)

MOVEMENT
- ±50% to ±100% Expansion/Contr.
- Lateral Shear (Contact Factory)
- Vertical Shear (Contact Factory)

*ConCeal System not for horizontal use.
OTHER EXTERIOR EXPANSION JOINT SYSTEMS

WALL ELASTOMERIC FACE SEAL SYSTEM

**EV**
Silicone Face
MICHAEL RIZZA PREMIUM SILICONE
- Available in 2-12" joints (nominal size)
- Up to ±50% movement and ±50% lateral shear
- Flush with surrounding wall
- Water barrier standard

PARKING METAL COVER SYSTEM

**DHF**
Surface Mount Dual Hinge
- Available in 2-8" joints (nominal size)
- Up to ±50% movement, ±100% lateral shear and 1" vertical shear
- Up to slow vehicular load capacity; ADA compliant
- Water barrier standard

ROOF METAL PLATE SYSTEM

**9W**
Flat Curb
- Available in 2-18" joints (nominal size)
- Up to ±100% movement and ±100% shear
- Water barrier standard for complete weatherproof seal
- Centering bar device holds cover in place