



**Ralph Wilson Stadium
Buffalo, NY**



**Glendale Community
College Parking Deck
Glendale, CA**

PARKING GARAGES & OPEN AIR STRUCTURES



**Brea Civic
Center
Brea, CA**

Erie Metal Specialties (EMS) is a leading supplier of exterior expansion joint systems. Our products have been used in many high profile projects including stadiums, hospitals, museums, shopping malls and parking garages.

As part of our commitment to quality, we have established a testing program for all of our products. When we say we are “The Most Tested Expansion Joint in the Industry”, it’s not just a slogan, it’s what we do.

Don’t just take our word for it, put our products and services to the test by calling us at 716-542-3991.



**UCONN Health
Center
Farmington, CT**



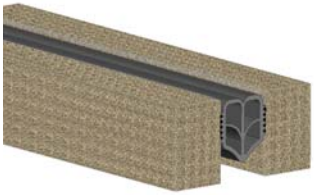
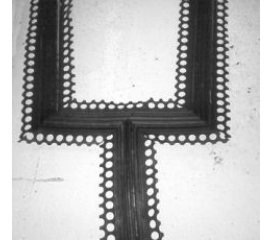
HISTORY

Erie Metal Specialties, Inc. (EMS) was founded in 1986. Throughout our history, we have developed products and services to meet the expansion joint needs of the construction industry. Examples include:



⇐ Colorable Santoprene expansion joint seals

Heat spliced seals (replace traditional glued splices)



⇐ Development of two-part epoxy seal system with internal web structure to be used in tension and compression

Expanded line of compression-tension seals to accommodate large joint openings with substantial movement



⇐ Products developed for specific project application (example replaceable seal with flat walking surface)

Innovative methods for installation of unique applications (i.e. circular columns, stairs, below grade)



EXTENSIVE LINE OF PRODUCTS

TWO-PART EPOXY SYSTEM

- High-strength two-part, epoxy-based structural adhesive
- Used in tension or compression
- No blockout recess required (good for pre-cast construction)
- Interior or exterior use



WINGED SEALS

- Pre-formed “winged” compression seal bonded to concrete deck with elastomeric concrete (Polycrete)
- Polycrete is durable under load
- Seals can be heat spliced to assure water-tight directional changes



COMPRESSION SEALS

- Cross-section has internal webs to exert continuous force against joint opening walls
- Lube adhesive for easy installation
- Available in Neoprene or EPDM



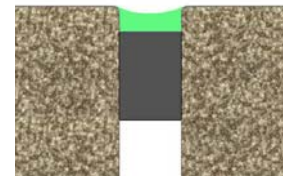
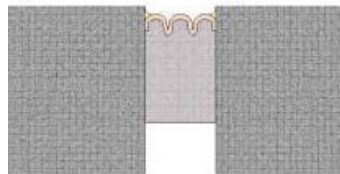
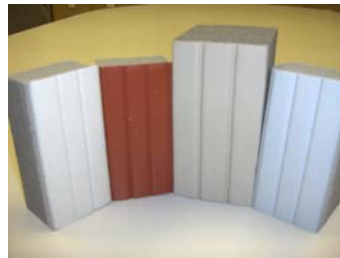
STRIP SEALS

- Rail system attached to concrete using Polycrete
- Seals can be heat spliced
- Seal profiles can be combined with different rails to meet a variety of applications



PRE-COMPRESSED FOAM SEALS

- Polyurethane foam provides constant pressure against side wall for water-tight seal
- “Peel and Stick” for easy installation
- Available in a variety of colors and styles for vertical and horizontal applications



SPECIALIZED APPLICATIONS



Not all joint openings are single, straight lines that merely need to be filled. Many times expansion joints must go around columns, along stairways, over curbs, under water, etc. These specialized applications can potentially cause problems such as water leakage if not installed correctly.

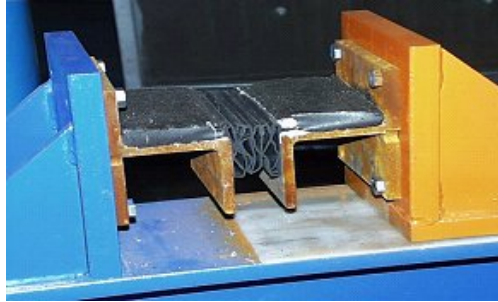
We have extensive experience with specialized applications, and have met these challenges through innovative installation techniques, product development, and good old ingenuity.



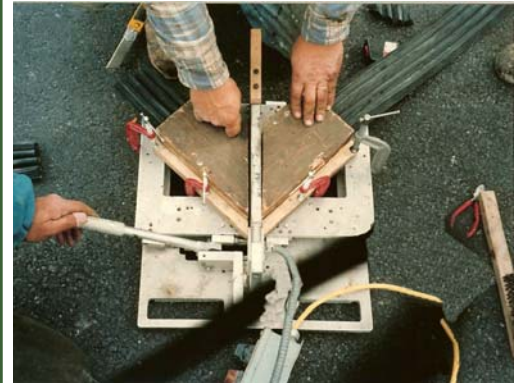
TRAINING AND SEMINARS



CYCLE TESTING



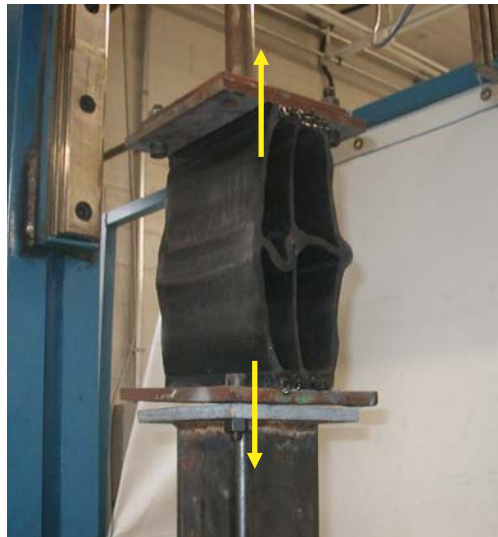
SEAL SPlicing



INSTALLATION SUPPORT



TENSILE (PULL) TEST



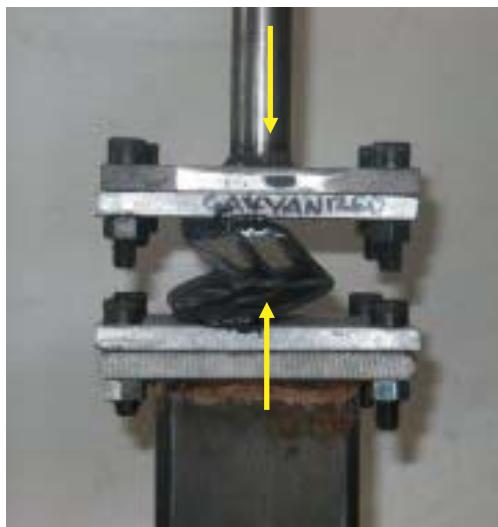
WELDING/FABRICATION



PRODUCT SELECTION SUPPORT



COMPRESSION TEST



MACHINING



**ERIE METAL
SPECIALTIES**

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