

## Iso-Flex® HydroSeal Expansion Joint System

### PRODUCT DESCRIPTION

Preformed and impermeable compressible Joint Sealant. Durable closed cell ethylene vinyl acetate (EVA) foam.

**Basic Use:** HydroSeal has been specifically designed to perform under extreme conditions such as those found in vertical and horizontal applications including bridge and parking structure type expansion joints. The material is impermeable to water and when bonded in place provides a weathertight seal.

### Typical Applications:

- Bridge Expansion Joints
- Control Joints
- Below grade applications
- Highway Longitudinal and Transverse joints
- Seismic Joints
- Parking Structure Expansion joints
- Plaza Decks
- Pre-cast
- Retrofit Joints
- Roof Expansion Joints/Vertical Joints

### Advantages:

- Can accommodate more rapid rates of joint movement
- One size material can function in a wider variety of joint openings
- Will expand and contract with movement in varied weather conditons
- Consistent depth of product
- Greater ease of installation
- Unsurpassed total movement capability
- Can be permanently bonded to the joint substrate
- Greater total operating temperature range
- Environmentally safe No Chloro-Flouro-Carbons

### Limitations:

HydroSeal Expansion Joint Sealants will not adhere to surfaces contaminated by oil or grease. HydroSeal will conform to variations of contour of materials forming the joint, provided such profile changes are not sudden or extreme. HydroSeal must be in at least 25% compression after normal placement in the joint.

### Composition and Materials:

HydroSeal is a closed cell, ethylene vinyl acetate foam material. Common sizes range from 3/8" to 8" wide, available in exact size to meet joint requirements. HydroSeal Expansion Joint Sealants are manufactured in standard 5' sticks and can be heat seamed into continuous lengths. When determining the correct size of HydroSeal material to use, simply specify joint size.

**Color:** Standard Colors are gray and black.

### TECHNICAL DATA

HydroSeal does not react with cement, stone, brick, plastics, or metals. HydroSeal is unaffected by repeated cycles of expansion and compression. It does not shrink or dry out.

Shelf life of HydroSeal Expansion Joint Sealant System material is virtually unlimited.

### PHYSICAL PROPERTIES (Typical)

Tensile Elongation	250%	ASTM D3575
Tensile Strength	120psi	ASTM D3575
Tear Resistance	21.5 lbs/in.	ASTM D624
Density	10.0 lbs/cuft.	ASTM D3575
Water Absorption	<.02 lbs/sqft	ASTM D3575

### INSTALLATION

**Preparatory Work:** Surfaces to be sealed should be sound, dry, clean and free of oil, grease, rust and other foreign material.

**Methods:** Mix and apply epoxy gel to the joint walls. Compress the HydroSeal and position the material in the joint. Lengths of the HydroSeal should be spliced by heat welding or bonded using silicone or urethane sealant. See the product "Installation Procedures" for more complete instructions.

**AVAILABILITY AND COST**

**Availability:** HydroSeal Joint Sealants are available directly from the manufacturer or authorized representatives.

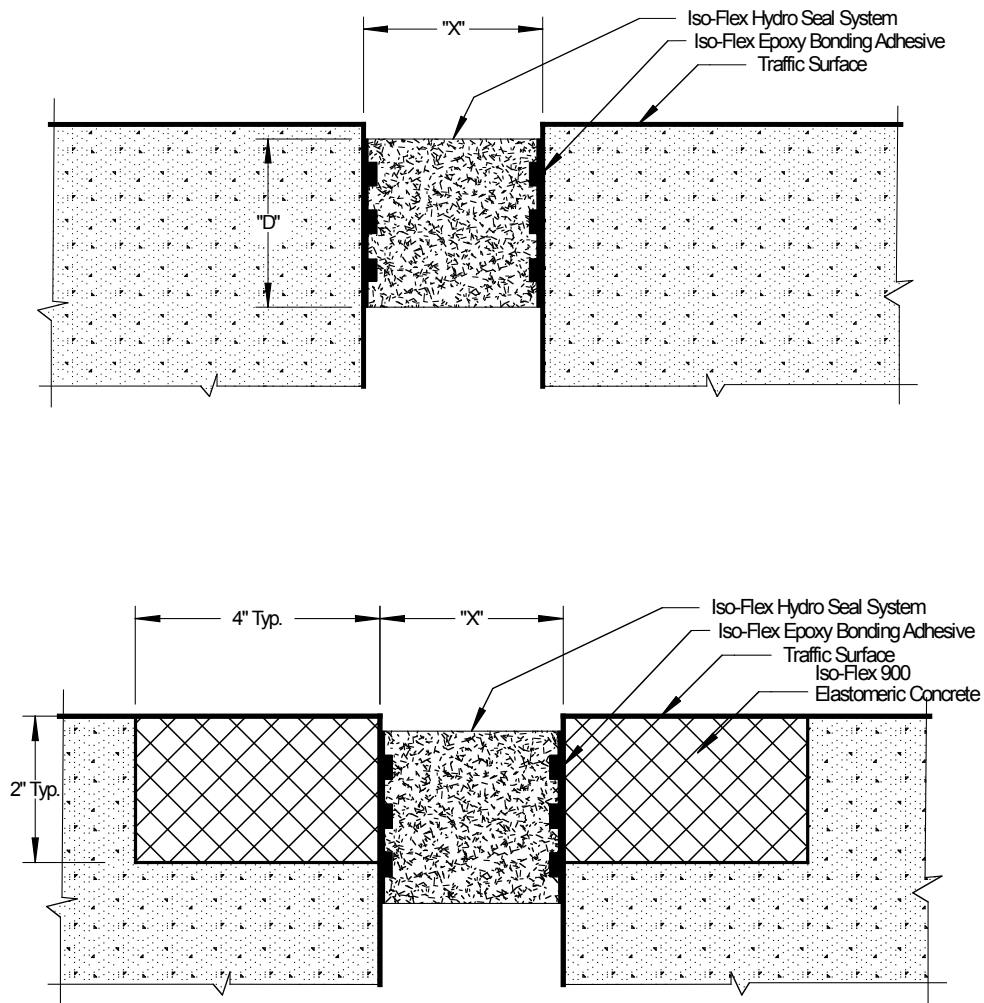
**Cost:** Current cost information is available from the manufacturer or an authorized representative.

**WARRANTY**

LymTal warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

**MAINTENANCE**

None required



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**LymTal International, Inc.**

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