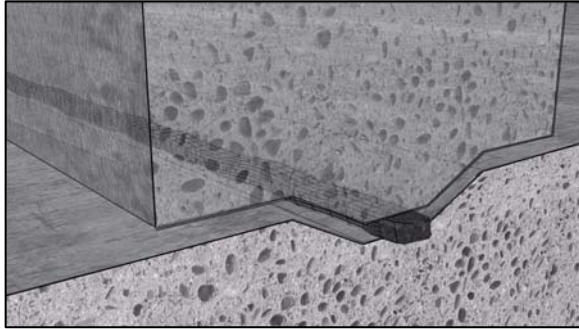




PolyStop™ WATERSTOP STRIP



Advantages of PolyStop™

- Controlled swelling cuts risk of concrete spalling and reduces the possibility of premature expansion
- Conformable — fits irregular substrates
- Retains cohesive strength after expansion
- No need for protective steel mesh
- Volumetric expansion < 100%
- Overlap jointing can be used
- Reproducible swelling even after wet-dry cycling
- Contains no sodium bentonite



Description

Polyguard PolyStop is a swellable, conformable synthetic waterstop strip which expands when in contact with water. The design of **PolyStop** minimizes potential for concrete spalling and cracking compared with traditional hydrophilic waterstops. Once encapsulated by concrete, a seal is formed against concrete faces. The seal blocks water from entering adjacent areas. **PolyStop** provides superior performance vs. bentonite or conventional rubber waterstops.

Applications

- Both horizontal and vertical joints.
- Pouring new concrete adjacent to existing concrete.
- Pipe penetrations.

Storage & Handling

Store **PolyStop™** in a clean and dry place prior to installation. Keep dry until concrete is poured.

Limitations

Not suitable for use in movement joints. Not suitable for use with pre-cast concrete components.

System Components

PolyStop

1.0 in. x 1/2 in. (25.4 mm x 12.7 mm) waterstop strip, supplied in 16 ft (4.9 m) rolls.

PolyStop Adhesive

Butyl based adhesive for adhering **PolyStop** to concrete, steel and plastic substrates. Supplied in 29 fl oz (0.85 L) tubes.

Use

Polyguard PolyStop should be used on any joint which is subject to hydrostatic pressure. Waterstops are required to be continuous within all joints and penetrations if they are to be effective.

PolyStop™ Physical Properties

Property	Typical Value
Size	1.0" x 1/2" x 16' rolls (25.4 mm x 12.7 mm x 4.9m) rolls
Color	Gray
Packaging	6 rolls per case
Hydrostatic Head Resistance	231 ft (70m)
Wet-Dry Cycling [25 cycles @ 231 ft (70m)]	No effect
Adhesion to Concrete with PolyStop Adhesive	Excellent

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Ennis, TX 75120
PH: (214) 515-5000
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This information is based on our best knowledge, but POLYGUARD cannot guarantee the results to be obtained.



Polyguard is ISO 9001 certified since 1996.

Installation

1. Surfaces must be clean and free of contaminants. Remove debris.
2. On irregular faces, apply a 1/2 in. (12 mm) bead of **PolyStop™ Adhesive**.
3. Fasten **PolyStop** with masonry nails 1 1/2–2 in. (40 mm–50 mm) long using 3/4 in. (20 mm) washer. Space product no more than 12 in. (300 mm) centers to be certain of contact to substrate.
4. On pipe penetrations, use **PolyStop Adhesive** with dry substrates. Apply to substrate and allow surface to dry to touch. Press **PolyStop** firmly into place.
5. Joints of **PolyStop** must overlap at least 4 in. (100 mm), ensuring full contact between jointed pieces.
6. **PolyStop** will bend around corners and into irregular surfaces. In these cases, **PolyStop Adhesive** must be used.
7. Damaged sections of **PolyStop** must be replaced.
8. Make certain that **PolyStop** is kept dry until concrete is poured.

Placement of Concrete

1. Place concrete carefully to avoid damage to **PolyStop**.
2. **PolyStop** should be encapsulated with a 3 in. (76.2 mm) concrete cover minimum.

MSDS and Safety Considerations.

PolyStop™

No MSDS is required for **PolyStop**. For health and safety questions on this product, please contact **Polyguard**.

PolyStop Adhesive

Read product label and MSDS. Comply with all risk and safety requirements.