

FIRESTOP PILLOWS

INTUMESCENT FIRESTOPPING DEVICE

PRODUCT NAME

Firestop Pillows - Intumescent Firestopping Device

MANUFACTURER

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PRODUCT DESCRIPTION

2" x 6" x 9" (50.8mm x 152.4mm x 228.6mm) Firestop Pillows are one-part, self-supporting, ready-to-use intumescent firestop material encased in a polyethylene 'pillow-like' bag. They are designed for use in firestopping large voids and openings made for penetrating items such as cables, cable trays, ductwork, pipes, and conduits in fire-rated floor or wall assemblies. Firestop pillows are intended for wall and/or floor openings through fire separations where temporary or permanent firestops are required.

In fire conditions, the intumescent material within each pillow dramatically expands to seal the opening from fire, maintaining the integrity of the fire separation and preventing the flow of fire, smoke, and gases.

APPLICATIONS

- Large, open voids that may contain cables, cable trays, pipes, conduits, or nothing at all.

ADVANTAGES

- Tested to ASTM-E814 performance criteria
- Easy and ready to install
- Self-supporting, no wire mesh needed in certain installations
- Non-curing, repositionable

LIMITATIONS

- To be used only in the tested configurations or as recommended by Everkem Diversified Products.
- Do not open bags.
- Do not install pillows where they will be subject to abrasion, physical abuse, or traffic.
- Pillows are not structural, and are not designed to support the penetrating items they protect, nor can they support traffic.

AVAILABLE COLORS

- Firestopping Pillows are available in Red

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Materials: Intumescent material contained withing polyethylene bag

Asbestos Fillers: None

Solvents: None

Hazardous Ingredients: None

ASTM-E814: Tested to ASTM E-814: "Standard Test Method for Fire Tests of Penetration Firestop Systems"

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APPLICABLE STANDARDS & SPECIFICATIONS

SPECIFIED DIVISIONS

- Section 07 84 00 - Firestopping
- Section 07 84 13 - Penetration Firestopping
- Section 22 00 00 - Plumbing
- Section 23 00 00 - Heating, Ventilating, and Air Conditioning (HVAC)
- Section 26 00 00 - Electrical
- Section 27 05 37 - Firestopping Communications Systems

APPLICABLE STANDARDS/SPECIFICATIONS

- ASTM-E814 - Standard Test Method for Fire Tests of Penetration Firestop Systems

ECOSEAL STANDARDS

- V.O.C. Content: < 10 g/L

INSTALLATION

SURFACE PREPARATION

Surfaces should be clean of any debris or material that may prevent or deter proper contact of installation of fire-rated putty pads.

APPLICATION

1. Estimate the number of bags required by:
 - A. Calculate the size in square inches of the openings to be firestopped.
 - B. Calculate the area in square inches required by the penetrating items.
 - C. Subtract [B] from [A] and divide by the coverage shown in the below chart

30% Compression	20% Compression
18.9 sq. in (121.9 sq. cm)	21.6 sq. in. (139.35 sq. cm)

2. If wire mesh will be used - the pillows must be installed by being compressed to a minimum of 20%. If no wire mesh will be used - the pillows must be compressed to a minimum of 30%
3. When installing, avoid protrusions and sharp corners so as not to damage the bags.
4. See UL tested diagrams for further proper application and installation procedures.

CLEANUP

Remove any debris from the installation area. Store between 0°F and 150°F under protective cover.

AVAILABILITY

Firestop Pillows and other Everkem products are available from stocking distributors nationwide, or direct from manufacturer. For the name and telephone number of nearest Everkem representative, call the number below or visit www.everkemproducts.com

PACKAGING OPTIONS

PACKAGING OPTIONS			
Part #	Description	Packaging	Color
AD-PLLW	Firestop Pillows - 2" x 6" x 9" (50.8mm x 152.4mm x 228.6mm)	10 pillows/case	Red

MAINTENANCE

Inspect firestop system during installation of material. In the event post-installation inspection or destructive sampling is necessary, repair the damaged firestop system by replacing any material that was damaged or removed with the same product originally installed, and ensuring the assembly matches the original firestop listing.

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TECHNICAL SERVICES

Everkem representatives are available to assist you in selecting the sealant or adhesive appropriate for your application. For further assistance contact your local Everkem Diversified Products representative, call our corporate office at 1-800-638-3160, or contact us via our website at www.everkemproducts.com.

WARRANTY

Everkem Diversified Products warrants this product's performance provided it is properly stored and applied within 2 years. If when applied as directed this material proves to be defective, return the remaining product and proof of purchase for refund or replacement of product exclusive of labor or cost of labor. This is the sole and exclusive remedy for defects of product failure. The determination of eligibility for this warranty shall be made at the sole discretion of Everkem Diversified Products and any decision made shall be final. This warranty is in lieu of any other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose, and in no instance will Everkem Diversified Products be liable for damages in excess of the purchase price, except where such exclusion or limitation is prohibited by state law. Users must read and follow the directions of the current Technical Data Guide and SDS prior to product use. The user determines the suitability of the product intended for use and assumes all risks. Recommendations for the use of this product are based on tests we believe to be reliable. The manufacturer and seller are not responsible for results where the product is used under conditions not in strict accordance with our published recommendations and in applications considered suitable for this product. Everkem Diversified Products shall not be responsible for the use of this product in a manner to infringe upon any patent or any other intellectual property rights held by others.

CAUTIONS

WARNING: MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY CAUSE IRRITATION TO MUCOUS MEMBRANES OF MOUTH, THROAT, STOMACH IF INGESTED. Persons with pre-existing skin conditions or chemical allergies may be more susceptible to contact effects of the cured elastomer. Wear protective gloves. Wear eye or face protection. Wash hands thoroughly after handling. **IF ON SKIN:** Wash with soap and water. Remove contaminated clothing, washing before reuse. If skin irritation occurs: Get medical attention. **IF IN EYES:** Rinse cautiously with water. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. **IF INGESTED:** Wash mouth with water. Remove victim to fresh air. Give small quantities of water to drink. Do not induce vomiting. Store locked up. Dispose of contents in accordance with all local, regional, national, and international regulations. **KEEP AWAY FROM CHILDREN. NOT CONSIDERED HAZARDOUS BY OSHA HAZARD COMMUNICATION STANDARD**

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