

INTUMESCENT FIRE-RATED PUTTY PADS

FIRE-RATED INTUMESCENT PUTTY FIRESTOP DEVICE

PRODUCT NAME

FlameTech Intumescent Fire-Rated Putty Pads

MANUFACTURER

Everkem Diversified Products
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PRODUCT DESCRIPTION

FlameTech Intumescent Fire-rated Putty Pads are non-curing, repositionable, moldable pads that measure 7" x 7" x 1/8" (177.8mm x 177.8mm x3.175mm). Fire-rated Putty pads are applied to the backside of electrical boxes to maintain the integrity of 1 & 2 hour fire-rated gypsum walls. In fire conditions, Fire-Rated Putty Pads expand to form an intumescent char that encloses the electrical box and seals off openings that may allow the spread of flame, smoke, and toxic gases.

FlameTech Intumescent Fire-rated Putty Pads may also be used in acoustical applications to achieve or maintain the required Sound Transmission Class (STC) rating.

APPLICATIONS

- Multi-family & commercial construction
- Metal or non-metallic electrical boxes
- As an acoustical pad to achieve or maintain required STC

ADVANTAGES

- Tested to ASTM-E84 performance criteria
- Meets ASTM-E90 performance criteria
- Up to 2 hour fire-rating
- STC rating of 60
- Easy installation
- Non-curing, moldable, and repositionable

LIMITATIONS

- To be used only in the tested configurations or as recommended by Everkem Diversified Products.

AVAILABLE COLORS

- Intumescent Fire-rated Putty Pads are available in Red

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Materials: Intumescent putty

Asbestos Fillers: None

Solvents: None

Hazardous Ingredients: None

Activation of Intumescence: Expansion begins at 220°F (104°C)

ASTM-E84: Tested to ASTM E-84: "Standard Test Method for Surface Burning Characteristics of Building Materials" 10 Flame Spread / 125 Smoke Developed

ASTM-E90: Tested to ASTM-E90: "Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements" in a 60 STC assembly

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APPLICABLE STANDARDS & SPECIFICATIONS

SPECIFIED DIVISIONS

- Section 07 84 00 - Firestopping
- Section 26 00 00 - Electrical

APPLICABLE STANDARDS/SPECIFICATIONS

- ASTM-E84 - Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM-E90 - Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements

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. Remove product label from one side of the pad. Align the side of the pad with the box partially overlapping the stud and adhere. Work pad to the opposite side of the box and over the edges.
2. If the **gypsum wallboard is already in place**, pack putty into gaps between the electrical box and gypsum wall, slightly overlapping the inner wallboard surface.

If the **wallboard is to be installed after the putty installation**, overlap the front edge of the electrical box so that the putty pad will be compressed around the edges of the box as the wallboard is installed.

Where cables or conduit are encountered cut slits

3. Press pad firmly to the surface of the top, bottom, and sides of the box.
4. Trim excess putty and apply to conduit fittings connected to the box. Remove the exposed label. Putty may also be packed inside of conduit fittings to restrict the passage of smoke.

Only one putty pad thickness (1/8" / 177.8mm) is needed for a 1 or 2-hour rating.

CLEANUP

Remove any shavings or dust from the installation area.

AVAILABILITY

Firestop-814+ and other Everkem products are available from stocking distributors nationwide or direct from the manufacturer. For the name and telephone number of the nearest Everkem representative, call the number below or visit www.everkemproducts.com

PACKAGING OPTIONS

PACKAGING OPTIONS			
Part #	Description	Packaging	Color
FT-00732	Intumescent Fire-rated Putty Pad - 7" x 7" x 1/8" (177.8mm x 177.8mm x 3.175mm)	20 pads/case	Red

MAINTENANCE

Inspect the firestop system during the 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.

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.

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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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