

FIRE SEAL-136

RESIDENTIAL FIREBLOCKING CAULK

PRODUCT NAME

Fire Seal-136 - Residential Fireblocking Caulk

MANUFACTURER

Everkem Diversified Products
 120 Regent Drive, Winston Salem, NC 27103
 PH: 1-800-638-3160 | FAX: (336) 661-7969

PRODUCT DESCRIPTION

Fire Seal-136 meets and exceeds ASTM-E136 and ASTM-E814 standards for fireblocking/firestopping single-family residential construction. Fire Seal possesses superior adhesion and freeze-thaw characteristics and is the contractor's #1 choice for fireblocking non-rated wood-frame construction. Fire Seal will not shrink, crack, or crumble upon cure. Fire Seal creates an air-tight barrier to prevent the passage of flames, smoke, and toxic gases from spreading area to area within concealed spaces.

APPLICATIONS

- Single-family residential homes
- **Non-rated** ceiling and floor openings
- Electrical, plumbing, and other mechanical penetrations

ADVANTAGES

- Tested to ASTM-E136
- Tested to ASTM-E814
- Chemically compatible with most pipe fittings, as well as all PVC, CPVC, ABS, PEX tubing, and other applicable tested penetrating items
- Easily identifiable color

LIMITATIONS

- **Not for use** in fire-rated assemblies
- **Not for use** in multi-family residential or commercial construction

AVAILABLE COLORS

Fire Seal-136 is available in Red

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Typical Uncured Properties	
Chemistry:	Silicate mortar
Uncured State:	Glossy paste
Odor:	Low acrylic odor
Application Temperature:	40°F to 120°F (4.4°C to 48.9°C)
Tooling Time:	15 minutes
Full Cure Time:	2 to 3 days
Shelf Life:	1 year

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TECHNICAL DATA (CONT.)

TYPICAL PHYSICAL PROPERTIES

Typical Cured Properties

Curing conditions of 75°F (24°C) and 50% relative humidity)

Cured State:	Solid mortar
ASTM-E136:	Tested to ASTM-E136 "Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 1382°F (750°C)"
ASTM-E814:	Meets ASTM-E814 "Standard Test Method for Fire Tests of Penetration Firestop Systems"
ASTM-E84:	Tested to ASTM-E84: "Standard Test Method for Surface Burning Characteristics of Building Materials" 0 Flame Spread; 0 Smoke Developed
Service Temperature:	-30°F to 2700°F (-34.4°C to 1482°C)
Paintability:	Paintable
V.O.C. Content:	< 1 g/L

APPLICABLE STANDARDS & SPECIFICATIONS

SPECIFIED DIVISIONS

- Section 07 86 00 - Smoke Seals
- Section 07 90 00 - Joint Protection
- Section 22 00 00 - Plumbing
- Section 23 00 00 - Heating, Ventilating, and Air Conditioning (HVAC)
- Section 26 00 00 - Electrical

APPLICABLE STANDARDS/SPECIFICATIONS

- ASTM-E136 - Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 1382°F (750°C)

ECOSEAL STANDARDS

- V.O.C. Content: <1 g/L

INSTALLATION

SURFACE PREPARATION

Surfaces should be clean of any debris or material that may prevent or deter adhesion. Such debris includes, but is not limited to: dirt, frost, loose particles, existing sealants, grease, oils, rust, etc.

APPLICATION

1. When encountering large voids, mineral or rock wool batts should be used as a backing material.
2. Cut tip of the nozzle to desired angle and thickness.
3. Apply using a steady, even pressure to completely bridge joints or fill holes. Fill the annular space or void with Fire Seal-136 to the required depth of no less than one inch.
4. When encountering multiple wires or cables through a single penetration, be sure to apply caulking between and around the wires to ensure complete contact of filling material with the substrates and annular space surface.
5. There should be no visible air passage upon completion of the application.

CLEANUP

Excess caulk should be cleaned off tools and nonporous surfaces while it is the uncured state, using a dry cloth or paper towels. Excessive amounts may require the use of a solvent such as acetone or mineral spirits. Cured compound should be cut away.

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AVAILABILITY

Fire Seal-136 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
FS-136	Fire Seal-136 - 10.1 Fl. Oz. (298.7mL) Tube	12 tubes/case	Red
FS-136-28	Fire Seal-136 - 28 Fl. Oz. (828.06mL) Tube	12 tubes/case	Red
FS-136-5	Fire Seal-136 - 5 Gallon (106L) Pail	Each	Red

MAINTENANCE

Inspect sealant a minimum of every five years. If sealant or bond of sealant is damaged, completely remove or cut away sealant in the damaged area, clean surface, and reapply sealant.

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 1 year. 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: CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. 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.**



WARNING: This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

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