

FIRE SEAL

RESIDENTIAL FIRESTOPPING CAULK TECHNICAL DATA SHEET



Product Description

Fire Seal is an inorganic, noncombustible caulking compound used to fill the annular space around vents, pipes, ducts, cables and wires at ceiling and floor level in non-rated single and two-family construction. *Fire Seal* is designed to seal penetrations to resume the integrity of fireblocks within concealed stud wall cavities to prevent the free passage of draft, flame, smoke and toxic gases. *Fire Seal* is tested to ASTM-E136 (defining noncombustible building materials) by an accredited 3rd party testing laboratory to exceed building code requirements for acceptable fireblocking materials.

Applicable Codes and Standards

2006 International Energy Conservation Code (IECC) Section 402.4.1

- Sealing the "Building Thermal Envelope" to limit air infiltration

2006 International Residential Code (IRC) Section R602.8 Item 4

- At openings around vents, pipes, ducts, cables and wires at ceiling and floor level with an approved material to resist the free passage of flame and products of combustion.

2006 International Residential Code (IRC) Section R602.8.1.2 – Fireblocking integrity

- The integrity of all fireblocks shall be maintained

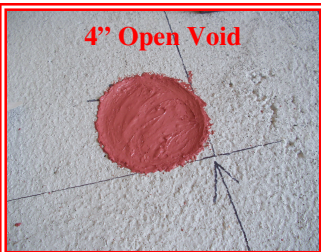
2006 International Building Code (IBC) Section 717.2.5 – Ceiling and floor openings

Application Procedures

1. Clean area to be protected so that it is clean of wood shavings, dust particles and debris.
2. When encountering large voids, mineral or rock wool batts should be used as backing material.
3. Cut the cartridge nozzle to desired bead width.
4. Fill the void or annular space with material to a depth of no less than one inch.
5. 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 wire substrates and annular space surface.
6. There should be no visible air passage upon completion of fireblocking application.

PRODUCT FEATURES

- Great Adhesion
- Excellent Freeze/Thaw
- Non Shrinking
- Non Sag
- Smooth Consistency
- Identifiable Color
- No V.O.C.'s
- Easy Clean-up



Packaging

Part#:	Description	Pack
FS-136	10.3 oz tube	12/ Cs
FS-136-28	29 oz tube	12/ Cs
FS-136-5	5 Gallon Pail	Each

Limitations

- Not for use in fire rated assemblies
- Will freeze at temperatures below 32°F.
- For interior applications only.
- Not intended for use where heavy vibration or dynamic movement is expected.
- Do not install where material is susceptible to continuous water immersion.
- Do not take internally.

Physical Properties

Color:	Brick Red
Physical Uncured State:	Glossy Paste
Physical Cured State:	Solid Mortar
Tack Free Time:	10 Minutes
Cure Time:	48 to 72 hrs.
Odor:	Odorless
Freeze/Thaw:	Excellent
Shelf Life:	1 year
Weight per Gallon:	14 lbs
Percent V.O.C.'s:	0%
Flame Spread:	0
Smoke Development:	0

Now UL Classified



F Rating – 2 Hr
T Rating – 2 Hr

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