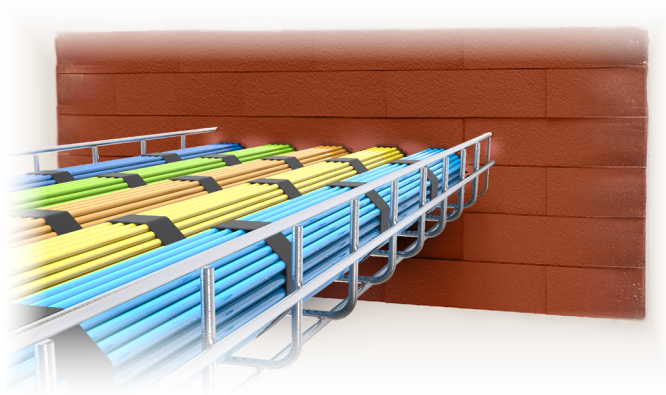
SpecSeal® Firestop Blocks

SpecSeal® Firestop Blocks are penetration firestop products resembling foam bricks. These intumescent urethane foam blocks are installed in openings by compressing and stacking into the opening in a brick-like fashion. The intumescent block expands in high temperatures to impede fire, smoke, and gas passage.

SpecSeal® Firestop Blocks may be used to seal cables, cable trays, pipes, and small, medium, or large openings temporarily or permanently. SpecSeal® Firestop Blocks may be used in both new or existing applications making short work of complex penetration firestop conditions.



Applications

SpecSeal® Firestop Blocks are designed for firestopping medium to large openings containing various penetrating items such as pipes, conduits, cables, cable trays, insulated metal pipes, bus ducts and HVAC ducts. SpecSeal® Firestop Blocks are well suited for applications involving data, communications, power or control cables, innerducts, and cable trays. This method of sealing offers easy retrofitting of cable installations without the need to damage the firestop seal. Difficult applications such as one-sided shaft wall installations and other applications where access is restricted to one side of the assembly may be easily firestopped with this material. Approved for use in Gypsum Board Wall, Block Wall, and Concrete Floors. SpecSeal® Firestop Blocks may be cut as required to accommodate various penetrant types, sizes, and configurations.

Specifications

The firestopping system shall utilize an intumescent foam block capable of expanding a minimum of 3 times. The foam block shall be UL Classified and/or FM Systems Approved and tested to the requirements of ASTM E814 (UL1479) and CAN/ULC-S115.

Specified Divisions

Division 7	07 84 00	Penetration Firestopping
Division 22	22 00 00	Plumbing
Division 23	23 00 00	HVAC
Division 26	26 00 00	Electrical

Performance

SpecSeal® Firestop Blocks are the basis for systems that meet the exacting criteria of ASTM E814 (UL1479) and CAN/ULC-S115 as well as the time-temperature requirements of ASTM E119 (UL263). Tested systems will provide up to two-hour ratings for penetrations through most common constructions.

Limitations

The product has been designed to be safe with plastics. It has been used successfully with various plastic pipes, tubes, and plastic cable insulations. Variations in these materials, however, make it impossible to guarantee compatibility. STI strongly recommends that the user consults with the piping, tubing, or cable manufacturer in question regarding any known sensitivities or potential restrictions before applying this product.

PHYSICAL PROPERTIES

Product Form	Intumescent Polyurethane Foam
Color	Brick Red
Density	0.35 g/cm3
In Service Temperature	Less than 130°F (54°C)
Storage Temperature	Less than 130°F (54°C)
STC Rating (ASTM E 90)	59 (Relates to specific construction)
Mold & Mildew Resistance	0 Rating (ASTM G21)
Intumescent Onset Expansion Temperature	350°F (176°C)
Expansion Ratio	1:3
LEED VOC	<5 g/l
Paintable	Yes
Shelf Life	None

Features & Benefits

- Intumescent – expands in all directions for a tough, tight seal
- Reinstallable for easy retrofitting of various pipes, cables, and innerducts
- Lightweight for ease of installation
- Easier wire screen requirements for large openings and 2 hour ratings
- May be cut to size
- No special tools required
- Superior air leakage ratings
- No cure time -> fast application
- Block may be coated using primer if required
- Dust-free, fiber-free, halogen-free, and solvent-free

SpecSeal® Firestop Blocks

Maintenance

Inspection: Installations should be inspected periodically for subsequent damage. Replace any damaged foam blocks.

Retrofit: Cables may be added or replaced in previously sealed openings by removing and replacing foam bricks as required. Alternatively, bricks may be drilled through and resulting opening filled with SpecSeal® Firestop Putty or Sealant. Reinstall foam blocks and putty/sealant as required and then replace wire mesh (when required).

NOTE: Removal of cables may require the installation of additional foam blocks to fill the void created by removing the cables. Inspect foam blocks for excess compression. SpecSeal® Firestop Blocks are designed to be very durable and highly resilient. Extreme temperatures may affect the ability to compress foam blocks.

System Selection

Select the appropriate UL System for the application from STI's online firestop system search (systems.stifirestop.com). You may also visit the UL Online Certifications Directory/UL Product iQ™ for complete listings. (Firestop Systems).

Technical Service

Specified Technologies Inc. provides toll free technical support to assist in product selection and appropriate installation design. UL System designs suitable for submittal or specification purposes are available on request. A complete library of technical information is provided at the company's website www.stifirestop.com including Safety Data Sheets (SDS's).

Precautionary Information

Consult Safety Data Sheet for additional information on the safe handling and disposal of this material. Do not use damaged SpecSeal® Firestop Blocks.

Availability

SpecSeal® Firestop Blocks are available from Specified Technologies Inc. authorized distributors. For additional purchasing and technical information or for the names and locations of the nearest representative and/or distributor, regarding this and other Specified Technologies Inc. products, please call 1-800-992-1180 or visit www.stifirestop.com.

ORDERING INFORMATION

Catalog Number	UPC Number	Size	(UOM) Qty.	Case Qty.	Weight (Each)
SBR25	730573951675	2" x 5" x 8" (50.8 mm x 127 mm x 203.2 mm)	1	24	1.0 lbs (0.45 kg)

CERTIFIED

TEST STANDARDS: ASTM E814 (UL1479), CAN/ULC-S115

IMPORTANT NOTICE: ALL STATEMENTS, TECHNICAL INFORMATION, AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON TESTING BELIEVED TO BE RELIABLE, BUT THE ACCURACY AND COMPLETENESS THEREOF IS NOT GUARANTEED.

STI TYPICALLY WARRANTIES ITS PRODUCTS FOR ONE FULL YEAR. FOR COMPLETE DETAILS OF OUR STANDARD WARRANTY, PLEASE VISIT WWW.STIFIRESTOP.COM/LEGAL/WARRANTY

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IFC MEMBER