

SSM FIRESTOP MORTAR



A Lightweight, Cementitious, Fire-Rated Compound.

SpecSeal[®] Firestop Mortar is an economical, light-weight portland cement-based firestop product. This passive (non-intumescent) material utilizes a combination of heat sinking and insulating properties to provide an extremely high level of fire resistance. SpecSeal Firestop Mortar mixes with water to form a non-shrinking, high yield mortar that may be applied by pouring, pumping, or troweling. Its low density and light weight means that less forming as well as less forming support is required. Its low density also makes re-penetration for retrofitting a simple task. SpecSeal Firestop Mortar is designed to dry quickly and will not crack or spall due to freezing or changes in temperature.

FEATURES & BENEFITS

- **Light weight/low density** - less forming and support required. Easy retrofit!
- **Fast drying** - forms come down faster!
- **Economical** - highest yield per pound means lower installed cost.
- **Wide range of application** - includes aluminum cable tray.
- **Red color** - easy identification and inspection.
- **Chemical adhesion** - reduces the need for expensive and time-consuming concrete fasteners.
- **Trowelable and self-leveling.**

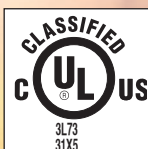
APPLICATIONS

SpecSeal[®] Firestop Mortar is used to seal through-penetrations as well as construction gaps and blank openings. This product is also used in conjunction with other SpecSeal Firestop Products such as SpecSeal Firestop Collars and Wrap Strips.

SpecSeal[®] Firestop Mortar has been tested for a wide range of penetrants including metallic pipes, cables, cable trays (both steel and aluminum), as well as combustible penetrants such as plastic pipes or insulated metallic pipes (when used in conjunction with other SpecSeal intumescent products).

SpecSeal[®] Firestop Mortar is suitable for openings of all sizes. Its method of application makes it specifically useful for medium to large openings with simple to very complicated combinations of penetrants.

- Large openings through concrete floors and walls.
- Cable trays.
- Bus duct.
- Multiple pipes.
- Insulated pipes.
- Plastic pipes.
- Cables.



FILL, VOID OR CAVITY MATERIALS CLASSIFIED BY UNDERWRITERS LABORATORIES INC. © FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS.

SEE UL FIRE RESISTANCE DIRECTORY

UNDERWRITERS LABORATORIES INC. © CLASSIFIED WALL PROTECTION MATERIAL. SEE PRODUCT CATEGORY IN UL FIRE RESISTANCE DIRECTORY

CLASSIFIED FILL, VOID, OR CAVITY MATERIALS FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS. SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND UL FIRE RESISTANCE DIRECTORY



PERFORMANCE

SpecSeal® Firestop Mortar is the basis for systems that meet the exacting criteria of ASTM E814 (UL1479). Systems have been tested for all common forms of masonry construction and most common penetrants with ratings up to 3 hours.

STI designed firestop systems are engineered to maximize the fire resistance of the seal by not only sealing off the spread of fire and hot gasses but also by minimizing the amount of heat conducted through the assembly. Thus all systems have been designed to provide T Ratings capable of matching the rating of the wall or floor assembly (where possible) when tested without penetrants.

PHYSICAL PROPERTIES

Properties	
Color	Pale red
Flame Spread	0*
Smoke Developed	<5*
Odor	No perceptible odor
Density (as shipped)	Bulk approx. .45 – .55
Density Mixed (wet)	.80g/L ± .03 (6.4 – 6.9 lb./gal.)
Density (dry mortar)	.65 g/L (5.4 lb./gal., 40.5 lb./cu. ft.)
Ratio Water/Mortar	14.3/22 to 17.6/22
Yield (per 22 lb.)	1,250 – 1,425 cu. in. (20.5 - 23.4 L)
Shelf Life	No Limit
Application Temp.	35°F – 100°F (2°C - 38°C)
Open Time	30 Minutes working time



ORDERING INFORMATION

Part #	Description	Packaging	Size
SSM106	Firestop Mortar	Poly Pail	22 lb. (10kg) 1,325 in. (21.6 liters)
SSM22B	Firestop Mortar	Fiber Bag	22 lb. (10kg)

WARRANTY

Specified Technologies manufactures its goods in a manner to be free of defects. Should any defect occur in its goods (within one year), Specified Technologies, Inc., upon prompt notification, will at its option, exchange or repair the goods or refund the purchase price.

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