SpecSeal® SSP Putty & Putty Pads

SpecSeal® SSP Putty is a non-hardening, intumescent compound designed to seal through-penetrations as well as certain membrane penetrations (med-gas valve box, tub & shower valve, clean-out tee) against the spread of fire, smoke and hot gasses. SpecSeal® Putty expands up to eight times its original size when exposed to high temperatures or flames.

Requiring no tools, SpecSeal® SSP Putty is soft and pliable making it easy to install by hand packing into openings. Its aggressive adhesion makes it suitable for use with all common construction materials as well as cable jacketing and pipes. SpecSeal® Putty remains soft and easy to reuse or retrofit.

SpecSeal® SSP Putty Pads provide this same level of protection in a release lined pad for easy application to electrical boxes or other penetrants. The pad is conveniently sized to fit a typical 1-1/2 in (38 mm) deep 4S box with no cutting or piecing required. Faced on both sides with a convenient poly liner, SpecSeal® Putty Pads are easily applied with no mess or excessive residue.

Applications

SpecSeal® SSP Putty and Putty Pads are used to seal through-penetrations as well as construction gaps and blank openings. SpecSeal® Putty Pads are used to seal around electrical boxes to reduce sound transmission (see Technical Update) and increase fire resistance. These pads also provide a metered method of application when sealing through-penetrations and in some applications, are used to provide a cushion to allow movement due to settling, expansion and contraction, or vibration.

Specifications

The firestopping putty shall be a one-part, two-stage intumescent, non-hardening compound. The putty, when exposed to high heat or flame shall be capable of expanding a minimum of five times. Range of continuing expansion shall be from 230°F to less than 1,000°F (110°C to less than 538°C). The putty shall be soft and pliable with aggressive adhesion and shall not contain any water-soluble intumescent ingredients. The putty shall be UL Certified and/or FM Systems Approved and tested to the requirements of ASTM E814 (UL1479), CAN/ULC-S115 and UL263 (ASTM E119, NFPA 251).

Specified Divisions

Division 7	07 84 13	Penetration Firestopping
Division 26	26 00 00	Electrical
Division 27	27 00 00	Communications

Features & Benefits

• Non-hardening = easy retrofit
• Endothermic fillers absorb heat & release water
• Highly adhesive formula - stays put, allows movement
• Soft & pliable for easy installation
• No water-soluble expansion ingredients means better water resistance
• Excellent sound attenuation properties
• Reduces noise transmission

PHYSICAL PROPERTIES

Color	Red
Odor	None
Density	1.45 kg/L (12.08 lb/gal)
Solids Content	100%
Mold & Fungus Growth Rating (ASTM G21)	1
Volume Expansion	Greater than 500% (free expansion)
Expansion Begins	230°F (110°C)
In Service Temperature	10°F (-23°C) to 120°F (49°C)
Installation Temperature	Less than 100°F (38°C)
Storage Temperature	Less than 100°F (38°C)
STC Rating (ASTM E 90-04/ASTM C919)	62 (Relates to Specific Construction)
VOC*	0 g/L
Shelf Life	No Limit

*Per SCAQMD Rule 1168 (EPA Method 24)

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Performance

SpecSeal® Putty and Putty Pads have been tested to ASTM E814 (UL1479), CAN/ULC-S115 and to UL263 (ASTM E119, NFPA251) and are Certified for up to 2 hours as a Wall Opening Protective Material for use with both metallic and nonmetallic outlet or switch boxes installed in gypsum wallboard assemblies (steel and wood stud assemblies). Boxes protected with SpecSeal® Putty Pads have been successfully tested with box spacing reduced to less than 16 in (406 mm).

Maintenance

Installations should be inspected periodically for subsequent damage. Any damage should be repaired using SpecSeal® products per the original approved design.

System Selection

To find your firestop system or create a submittal, visit https://systems.stifirestop.com/ to use System Search & Submittal Builder. You may also visit the UL Online Certifications Directory/UL Product iQ™ for complete listings. (Firestop Systems).

Clean Up

Remove excess material from all contact surfaces immediately. Clean hands or skin using a waterless hand cleaner. When using water-emulsifiable soaps, apply soap and work over areas of skin contact prior to applying water.

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. Wash areas of skin contact with soap and water. Avoid contact with eyes. DO NOT APPLY TO EXPOSED ELECTRICAL CONDUCTORS.

Availability

SpecSeal® Series SSP Putty is available from Specified Technologies Inc. (STI) 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 Technology products, please call 1-800-992-1180 or visit www.stifirestop.com.

ORDERING INFORMATION					
Catalog Number	UPC Number	Size	(EOM) Qty.	Case Qty.	Weight (Each)
SSP100	730573021057	36 in^3 (0.6 liter) bar	1	6	2.22 lbs (1.01 kg)
SSP28	730573021019	24 in^3 (0.4 liter) bar	1	1	1.42 lbs (0.64 kg)
SSP4S	73057302200	7.25″ x 7.25″ x 3/16″ (184 x 184 x 4.8 mm) pad	1	20	0.64 lbs (0.29 kg)
SSP9S	73057302300	9.00″ x 9.00″ x 3/16″ (229 x 229 x 4.8 mm) pad	1	20	0.85 lbs (0.39 kg)

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