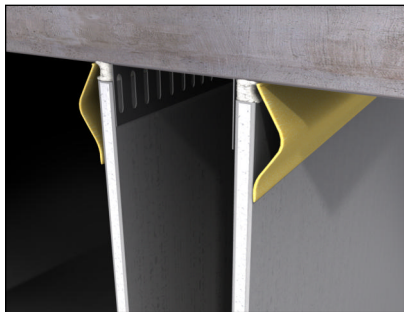




**SPEEDFLEX® JOINT PROFILE** Patent (7,240,905)

**APPLICATIONS**

SpecSeal® SpeedFlex® Joint Profile replaces strips of mineral wool forming material in the joint area between the fire-rated wall assembly and the bottom of a steel deck or concrete floor. SpecSeal® SpeedFlex® Joint Profiles are tacked in place with staples and coated with an approved SpecSeal® firestop coating applied to a 1/8" (3.2 mm) wet thickness. The shape of the product allows for 100-percent compression and extension in joint movement for Class 1 (500 cycles at 1 cycle per minute (cpm)), Class II (500 cycles at 10 cpm) and Class III (100 cycles at 30 cpm) joint applications as required by the applicable building code.



Patent (7,240,905)

**PRODUCT DESCRIPTION**

SpecSeal® SpeedFlex® Joint Profile is a high temperature fibrous joint forming material for use in top of wall construction joints. When installed with an approved SpecSeal® firestop coating, the profile allows for economical installations and up to 100-percent compression and extension in joint movement.

**FEATURES**

- Allows 100% compression or extension
- Fast Installation
- Alternative to caulking joints

**PERFORMANCE**

When installed in conjunction with an approved SpecSeal® Firestop Coating, SpecSeal® SpeedFlex® Joint Profiles have been successfully tested in one and two hour joints to the exacting criteria of ANSI/UL 2079 (ASTM E 1966). All tested systems meet Class I, Class II and Class III movement criteria. Consult factory for individual system designs and applications requirements.

**LIMITATIONS:** Use product as per manufacturer's instructions. Use only in applications per the manufacturer's tested and published designs or per specific recommendations. End user must determine the suitability of the product and designs to his or her specific requirement and assumes responsibility for use of product.



CLASSIFIED  
FORMING MATERIALS  
FOR USE IN JOINT SYSTEMS  
SEE UL DIRECTORY OF  
PRODUCTS CERTIFIED FOR CANADA AND UL FIRE RESISTANCE  
DIRECTORY

**SPECIFICATIONS**

All head-of-wall conditions shall be sealed with water-based wet film coatings. The system, as installed, shall allow for up to 100-percent compression and/or extension from the joint's installed width. Systems comprised of sealant and forming materials shall meet cyclic movement criteria for thermal (Class I), windsway (Class II) and seismic (Class III). The approved system materials shall be UL Classified.

**SPECIFIED DIVISIONS**

Division 5	Section 05811	Architectural Joint Systems
Division 7	Section 07210	Building Insulation
Division 7	Section 07841	Through Penetration Firestops
Division 7	Section 07900	Joint Sealers
Division 9	Section 09200	Lath and Plaster
Division 9	Section 09250	Gypsum Drywall Systems

**PHYSICAL PROPERTIES**

<b>Height:</b>	4" (102 mm)	<b>Density:</b>	8 to 10 pcf (128 to 160 kg/m <sup>3</sup> )
<b>Length:</b>	40" (102 cm)	<b>Shelf Life:</b>	No Limit
<b>Thickness:</b>	3/16" (4.7 mm)		



## INSTALLATION

### FLUTED DECK APPLICATIONS

Minimum 4 pcf (64 kg/m<sup>3</sup>) mineral wool batt insulation cut to the shape of the flutes with a thickness 1" (25 mm) greater than height of individual flute. Install mineral wool plug to completely fill each flute valley above the ceiling runner with a 1/2" to 1". (13 to 25 mm) projection beyond each surface of the wall assembly. Measure down from the bottom of the fluted deck 4". (102 mm) and snap a chalk line. Calculate the required movement range and measure up from the line and mark this point. Snap a second chalk line. Position SpecSeal® SpeedFlex® Joint Profile to lap onto exposed mineral wool plugs and compress profile against bottom of steel deck until bottom edge is flush with top chalk line. Attach SpecSeal® SpeedFlex® Joint Profile to wall surface on both sides with nom 1/2" (13 mm) long steel staples spaced not greater than 8" (204 mm) center-to-center.

### FLAT SLAB APPLICATIONS

Measure down from the bottom of the floor slab 4" (102 mm) and snap a chalk line. Calculate the required movement range and measure up from the line and mark this point. Snap a second chalk line. Position SpecSeal® SpeedFlex® Joint Profile and compress profile against bottom of floor until bottom edge is flush with top chalk line. Attach SpecSeal® SpeedFlex® Joint Profile to wall surface on both sides with nom 1/2" (13 mm) long steel staples spaced not greater than 8" (204 mm) center-to-center.

### APPLICATION OF THE SPRAY

For each condition listed above, apply SpecSeal® AS200 Elastomeric Spray to a 1/8" (3.2 mm) wet thickness atop the exposed forming material with a 1/2" (13 mm) overlap onto the surrounding substrates. Only SpecSeal® brand products may be used in conjunction with SpecSeal® SpeedFlex® Joint Profiles. Use of any other product is not warranted and may void the conditions of the UL Classification on the product.

## MAINTENANCE

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

## TECHNICAL SERVICE

UL Systems and other product information can be found at the Technical Library at [www.stifirestop.com](http://www.stifirestop.com). Specified Technologies Inc. also provides toll free technical support to assist in product selection and appropriate installation design.

## PRECAUTIONARY INFORMATION

Consult Material 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.

## AVAILABILITY

SpecSeal® SpeedFlex® Joint Profiles are available in 40" (102 cm) lengths. SpecSeal® Firestop Products are available from authorized STI distributors worldwide. Consult factory for names and locations of the nearest sales representatives and/or distributors.

**TABLE B: ORDERING INFORMATION**

CAT. NO.	DESCRIPTION	CASE QTY.
SFJP40	Fire Rated Joint Profile Forming Material	200 per box



**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.

### WARRANTY

Specified Technologies Inc. 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.

### LIMITATIONS AND EXCLUSIONS:

THIS WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS EXPRESSED OR IMPLIED (INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR USE) AND UNDER NO CIRCUMSTANCES SHALL SPECIFIED TECHNOLOGIES INC. BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL PROPERTY DAMAGE OR LOSSES. PRIOR TO USE, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND THE USER ASSUMES ALL RISKS AND LIABILITY FOR SUBSEQUENT USE.

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