



SPEEDFLEX® JOINT PROFILE

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 I (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.



U.S. patents apply to this product. For details visit: www.stifirestop.com/patents.

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 application 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.

MAINTENANCE

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

PHYSICAL PROPERTIES

- Height:** 4" (102 mm)
- Length:** 40" (102 cm)
- Thickness:** 3/16" (4.7 mm)
- Density:** 8 to 10 pcf
(128 to 160 kg/m³)
- Shelf Life:** No Limit

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



CERTIFIED
SAFETY US/CA
R21596

SpeedFlex® Joint Profile

Forming materials certified for use in joint systems. See UL online certifications 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 Certified.

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



INSTALLATION

FLUTED DECK APPLICATIONS

Minimum 4 pcf (64 kg/m³) 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 Certification on the product.

TECHNICAL SERVICE

UL Systems and other product information can be found at 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 www.stifirestop.com or customer service 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	150 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.

LIMITED WARRANTY: STI warrants that its products will be free of defects for one year from the date of purchase. In the event a product does not conform to this warranty, the sole and exclusive remedy is, at STI's option, replacement of the product or refund of the purchase price. The warranty provided herein shall be void and of no effect in the event that the product is not installed in accordance with STI's published instructions, listed systems and applicable building and safety codes. **THIS WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS AND EXPRESSED OR IMPLIED WARRANTIES** (including the implied warranties of merchantability or fitness for a particular use) **AND UNDER NO CIRCUMSTANCES SHALL STI BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, INCLUDING, WITHOUT LIMITATION, ANY LOSS OF REVENUE, PROFIT OR USE.** 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. No person other than an officer of STI is authorized to bind STI to any other warranty for any product for which this warranty is issued.

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U.S. patents apply to this product. For details visit: www.stifirestop.com/patents.

