



## SPECIALTY PRODUCTS & INSULATION

# *FirePlug<sup>®</sup> and FireStrip<sup>®</sup>*

*FirePlug* and *FireStrip* represent a cost-effective, firestopping solution designed especially to fit the irregular shaped voids in corrugated metal pan deck and straight joints found in floor, roof and wall systems. These materials are one component of a complete firestop system.

## Description

*FirePlug* and *FireStrip* are made from natural and recycled high temperature mineral fiber that installs quickly, eliminating the time consuming task of match-fitting the top edge of the drywall to the metal deck profile. This reduces the cost of firestopping joints in rated wall assemblies. In addition, *FirePlug* and *FireStrip* eliminate the need to field cut and fit mineral fiber damming.

## Advantages

*Labor Savings* – Significantly reduces field cutting and fitting time along with the coating application time associated with alternative firestopping methods.

*Material Savings* – The smooth surface of the *FirePlug* and *FireStrip* improves firestop material coverage versus traditional mineral wool packing.

*Better Control* – The smooth, flat surface of the *FirePlug* and *FireStrip* allow consistent control of spray coating and/or caulk thickness (difficult to achieve with traditional hand-stuffed method).

*Energy Savings* – Improperly sealed joints contribute to energy loss. *FirePlug* and *FireStrip* products have a R value of 4.2 per inch, reducing energy losses.

*Reduced Sound Transmission* – *FirePlug* and *FireStrip* aid in the reduction of sound transmission across the top of gypsum and masonry wall assemblies.

*Added Assurance* – *FirePlug* and *FireStrip* give an extra measure of assurance that the completed firestop system will provide a positive flame, smoke, toxic gas and water seal over the typical field installed “tear & stuff” method of damming.

## Applications

**Fire and Smoke Rated Partitions** – *FirePlug* and *FireStrip* can be used in fire and smoke rated partitions and joints constructed in gypsum or masonry materials.



**Other Joints**—*FireStrip* is supplied in precut strips safin and other joint applications.

When required by the firestop manufacturer design, please specify fiber orientation of *FireStrip*. (**Ask about our curtain wall insulation service**)

## FirePlug and FireStrip Properties (mineral wool)

Maximum service temperature	1200°F
Flame Spread	0 per ASTM E84
Smoke Development	5 per ASTM E84
Noncombustible	per ASTM E136
R=4.2 hr.ft <sup>2</sup> .F/Btu	per ASTM C518
NRC = 1.10 @ 4” thick	per ASTM C423

## Availability

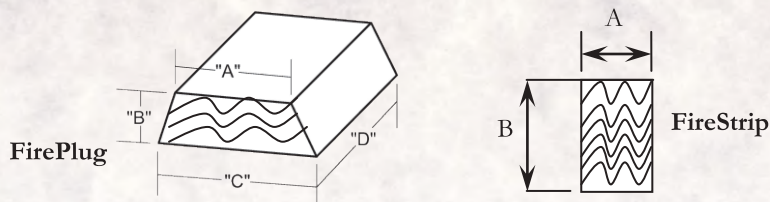
*FirePlug* and *FireStrip* are available through SPI service centers across North America. Call SPI for the location nearest you or visit our website, [www.fbm-spi.com](http://www.fbm-spi.com)

## Ordering Information

To order *FirePlug* and *FireStrip*, complete the form on the back of this product information sheet and return it to the SPI service center nearest you.

# FirePlug® and FireStrip® Order Form

		DATE
COMPANY	CONTACT	PHONE
PROJECT NAME & LOCATION		DATE REQUIRED
SHIP TO LOCATION		P.O. NUMBER



Note: Horizontal Fiber Orientation

	Shape Dimensions				Wall Construction	Wall Thickness	Linear Footage	Number of Pieces
	A	B	C	D				
FirePlug								
4' FireStrip								
			N/A					
			N/A					
			N/A					
			N/A					

## Notes:

- Actual pan deck dimensions should come from pan details or from accurate field measurements.
- FirePlug and FireStrip are supplied to the user's specified thickness, to accommodate either FireStop caulk or spray solutions.
- FireStrip is supplied in 4' lengths to the user's specified dimensions (a) and (b). The actual joint width should be controlled to provide a tight, compressed fit.
- FirePlug and FireStrip are made from minimum 6 pcf density material. Other densities are available upon request.
- FirePlug and FireStrip shapes are produced with horizontal fiber orientation. The user must specify if the application or design being used requires other.



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## SPI Specialty Products & Insulation

c/o Dune Point Capital  
411 Theodore Fremd Ave.  
Rye, NY 10580  
Phone: (855) 519-4044

**Web:** [www.spi-co.com](http://www.spi-co.com)

**E-mail:** [fabteam@spi-co.com](mailto:fabteam@spi-co.com)

January 2019 - Fireplug & Firestrip

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our other fabrication products and services.**