



SPECIALTY PRODUCTS & INSULATION

FirePlug® and FireStrip®

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

The *FirePlug* and *FireStrip* are made from a high temperature mineral fiber product that installs quickly, eliminates the time consuming task of match-fitting the top edge of the drywall to the metal deck profile and reduces the cost of firestopping wall joints in gypsum wall assemblies. In addition, *FirePlugs* and *FireStrips* eliminate the need to field cut and fit mineral fiber damming in gypsum or masonry wall assemblies constructed with a flat top edge.

Advantages

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

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

Higher Yields – The smooth, even surface of the *FirePlug* and *FireStrip* provide higher coating yields versus coating applications over irregular surfaces.

Energy Savings – Improperly sealed joints contribute to energy loss. The good insulating properties (R-12 to R-32 depending on thickness) of the *FirePlug* and *FireStrip* reduce heat transfer, thus saving energy.

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 of either gypsum board or masonry materials.

Exterior Curtain Wall & Other Joints – *FireStrip* is supplied in precut strips for exterior curtain wall and other joint applications. **When required by the firestop manufacturer design, please specify fiber orientation of *FireStrip*.**

FirePlug and FireStrip Properties (mineral wool)

Maximum service temperature	1200°F
Flame Spread	5 or less, per ASTM E84
Smoke Development	5 or less, per ASTM E84
Noncombustible	per ASTM E136
K = .25 @ 75°F mean temperature	per ASTM C518
NRC = 1.10 @ 4” thick	per ASTM C423

Availability

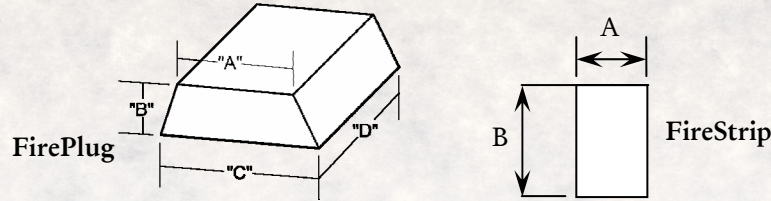
FirePlug and *FireStrip* are available through SPI service centers nationally. Call SPI for the location nearest you.

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



Joint Location	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.
- Unless specified otherwise, *FirePlug* is supplied oversized by approximately 0.125" to the dimensions you provide to give a tight compressed fit around the entire perimeter.
- 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 8 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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Disclaimer and Limitation of Warranty. The purchaser/user is advised to consult with the appropriate professionals and to read the manufacturer's product information to determine the adequacy or appropriateness of the product for the use intended. SPI makes no claim or representation regarding the use or applicability of the products. Further, SPI makes no warranty, expressed or implied, and disclaims all warranties including warranties of merchantability and fitness for a particular purpose.

*For additional information please visit
<http://www.spi-co.com/literature.html>*

*Please ask your SPI Sales Representative about
 our other fabrication products and services.*