

Composite Sheet

Advanced Firestop Technology

Lighter, Thinner and Easier to Fabricate!



Firestop panels effectively seal medium to large openings with a variety of penetrants in fire-rated floors and walls.

SpecSeal® Composite Sheet is a lightweight, rigid, fire-resistant panel comprised of an intumescent layer bonded to a galvanized steel sheet reinforced with steel wire mesh covered with aluminum foil.

- **Lighter Weight** — for easy handling and fabrication and less hanging weight on walls. Approximately 1/2 the weight of the traditional composite sheet products.
- **Thinner** — Less than 1/2 the thickness of the traditional composite sheet products – 0.1 in (2.5mm) vs 0.3 in (7.62mm)
- **Easier to Fabricate** — Engineered with the installer in mind. Lighter weight, thinner, easier and quicker to fabricate. Can be cut and installed with common sheet metal tools.
- **Higher Intumescence** — Expands up to 15 times when exposed to temperatures in excess of 350°F (177°C) compared to 8-10 times for competing brands. Forms a dense insulative char that minimizes heat transfer.
- **Hole Reduction** — Reduces large openings when used in conjunction with other SpecSeal® or EZ-Path® Firestop Products.
- **UL® Classified**
- **Tested to ASTM E 814 (ANSI/UL 1479).**

www.stifirestop.com



Specified Technologies, Inc.

APPLICATIONS

SpecSeal® Composite Sheet is designed primarily for sealing medium to large size openings with a variety of different penetrants in fire resistant floors and walls. Applications include penetrations for:

- cable trays
- cables
- conduits
- blank openings
- plastic pipes
- insulated metallic pipes
- metal pipes



Large opening reduction with composite sheet and EZ-Path® Fire Rated Pathways.

ORDERING INFORMATION

Catalog Number	UPC # 730573	Description	Unit Quantity	Weight
CS1628	11628	16 x 28 in. (41 x 71 cm) composite sheet	1	4.4 lbs. (2 kg)
CS2436	12436	24 x 36 in. (61 x 92 cm) composite sheet	1	8.4 lbs. (3.8 kg)
CS3636	13636	36 x 36 in. (92 x 92 cm) composite sheet	1	12.6 lbs. (5.7 kg)
CS3641	14136	36 x 41 in. (92 x 104 cm) composite sheet	1	14.4 lbs. (6.5 kg)
CS2852	15228	28 x 52 in. (71 x 132 cm) composite sheet	1	14.2 lbs. (6.4 kg)

PHYSICAL PROPERTIES

Product Name	SpecSeal® Composite Sheet
Nominal Thickness	0.1 in. (2.5 mm)
Nominal Weight	1.4 lb/ft ² (6.9 kg/m ²)
Intumescent Expansion Begins	350°F (177°C)
Volume Expansion	15X (typical free expansion)
Max. In-Service Temperature	130°F (54°C)
Radiation Exposure	Unaffected
Shelf Life	N/A
VOC Content	N/A

Your Rep/Distributor is:



FILL, VOID OR CAVITY MATERIAL
FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS
SEE UL FIRE RESISTANCE DIRECTORY
3L73

For more information, call 1-800-992-1180 or visit www.stifirestop.com

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