POWERSHIELD™ ELECTRICAL BOX INSERTS



An intumescent, one-component pad for electrical switch or receptacle boxes that expands to 24x its original size.

SpecSeal® Power Shield™ electrical box insert is a one-component pad for use in electrical switch or receptacle boxes. The intumescent insert has been designed to install inside the box, directly against the back wall. SpecSeal®Power Shield electrical box inserts expands a minimum 24 times its original size when exposed to high temperatures or flames.

Requiring no tools, SpecSeal® Power Shield electrical box inserts are conveniently sized to fit typical switch or outlet boxes and features an adhesive strip applied to the back of the pad to ensure adhesion to the back of an electrical box. SpecSeal Power Shield electrical box inserts are easily applied into an existing box with no mess or residue.







Features & Benefits

- **Easy installation!** Just peel and stick to inside of box.
- **Can be installed before or after wall is closed.**
- **Non-conductive liner face.**
- **Easy retrofit installation.**
- **Low profile** for minimum impact on box volume.
- **Tested and proven acoustical properties.**
- **One step installation** saves time and labor.

APPLICATIONS

SpecSeal® Power Shield™ electrical box inserts are used to protect an electrical box and maintain fire-resistance ratings of wall assemblies, when the horizontal separation between metallic boxes on opposite sides of the wall is less than 24" (610 mm).

- Single & multi-gang metallic boxes up to 14" (356 mm) long.
- Plastic & steel faceplates.
- 1& 2 hr. wood or steel stud walls.

CLASSIFIED C UL US

UNDERWRITER'S LABORATORIES INC.® CLASSIFIED WALL OPENING PROTECTIVE MATERIAL FIRE RESISTANCE CLASSIFICATION.

SEE PRODUCT CATEGORY IN UL FIRE RESISTANCE DIRECTORY. 12Y3.

PERFORMANCE

SpecSeal® Power Shield™ electrical box inserts are the basis for systems that meet the exacting criteria of UL263 (ASTM E119, NFPA 251) and are Classified for up to 2 hrs as a Wall Opening Protective Material (Category CLIV) for use with metallic outlet or switch boxes installed in gypsum wallboard wall assemblies. Boxes protected with SpecSeal Power Shield electrical box inserts have been successfully tested with the box spacing reduced to less than 24 in. (610 mm).

PHYSICAL PROPERTIES

Properties	0
Catalog No. & Dimensions:	EP44-(3-3/4″ x 3-3/4″ x 1/8″) (95 x 95 x 3 mm) EP45-(4-1/2″ x 4-1/2″ x 1/8″) (114 x 114 x 3 mm)
Color:	Red
Weight:	EP44 - 0.08 lb. (0.036 kg) EP45 - 0.10 lb. (0.045 kg)
Volume:	EP44-(1.75 cu in., 28.8 cu cm. EP45-(2.50 cu in., 41.0 cu cm.)
Expansion Begins:	350°F (177°C)

Properties (cont.)	
Expansion Range:	350°F to >1,000°F (177°C - 537°C)
Volume Expansion:	16 to 24X (free expansion)
In Service Temperature:	<130°F (54°C)
Oven Aging:	No Change (60°C)*
Humidity Exposure:	No Change (60°C, 98% R.H.)*
Shelf Life:	No Limit
STC Rating:	64

*Evaluation of physical properties and total expansion.

SpecSeal FIRESTOP PRODUCTS



ORDERING INFORMATION

Part #	Description	Packaging
EP44	Electrical Box Insert 3-3/4" x 3-3/4" x 1/8" pad (95 x 95 x 3 mm)	Ea. 20 per box
EP45	Electrical Box Insert 4-1/2" x 4-1/2" x 1/8" pad (114 x 114 x 3 mm)	Ea. 20 per box

WARRANTY

Specified Technologies 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 FOR 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.

No statement or recommendations not contained herein shall have nay force or effect unless in an agreement signed by officers of seller and manufacturer.

MADE IN THE USA

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THE FIRESTOP AUTHORITY

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