

EBI-60 *Electrical Outlet Box Insert*

PRODUCT DESCRIPTION

FPF Partners' EBI-60s are a solid intumescent pad designed to be quickly and easily installed into metallic electrical outlet boxes. EBI-60s have been designed specifically to seal electrical switches and outlet boxes against the spread of fire, smoke, fumes and toxic gases in 1 and 2 hour rated assemblies.

EBI-60 can be used in single or double electrical receptacle or switch boxes.

EBI-60 pads easily adhere to the inside back surface of metallic boxes; can be installed either during construction or during renovations.

EBI-60s are non-hazardous, safe for the environment and do not require special shipping procedures. It does not contain solvents and is VOC compliant.

GENERAL APPLICATIONS AND USES

EBI-60s have been designed specifically to seal electrical outlet boxes against the spread of fire, smoke, fumes and toxic gases in 1 and 2 hour rated assemblies.

Remove any dust, dirt and oil from surfaces with dry cloth. Peel off the protective adhesive backing and firmly press pad to the inside back panel of the metal box making sure the pad is centered. Use only one pad, sized appropriately for either the single or double outlet boxes.

**When the ground screw is located on the inside back panel, make a cut in the pad to access and expose screw. DO NOT REMOVE MATERIAL FROM PAD.

EBI-60s' installation to comply with article 370-16 of the National Electrical Code (NFPA 70). Manufacturer recommends that the EBI-60 to be installed by qualified electricians. EBI-60 must be installed in compliance with the listed system designs published by Underwriters Laboratories (UL & ULC). Refer to their published Fire Resistance Directories or websites. The manufacturer recommends that qualified electricians install this product.

PRODUCT FEATURES

- Environmental Safe – No harmful components, solvent free and is VOC compliant – LEEDs – California Air Resource Board SCM Districts – Rule 113 – South Coast Air Quality Management Districts (SCAQMD)
- Can be shipped without restriction and is environmentally friendly
- Non conductive
- Pre-cut to fit standard box sizes
- Easily to install
- Highly Intumescent, up to 24 times
- Post-consumer recyclables

TECHNICAL DATA

Base	Polyisobutylene Polymer
Shelf Life	Not applicable when stored in its original undamaged, unopened packaging (when stored in a cool dry place, 40°F to 90°F (4°C to 32°C)). All items should be warmed to at least 32°F (0°C) prior to installation.
Curing System	One-component – Non curing
VOC (less water)	0 g/L
Solids	100%
Freeze/Thaw Stability	No impact on sealant by frost

Color	Black
Volume Expansion	16 to 24 times (free expansion)
Application Temperature	40°F to 95°F (5°C to 35°C)
In-Service Temperature	Up to 120°F (49°C)
Expansion Temperature	320°F (160°C)
Storage Temperature	35°F to 120°F (2°C to 49°C)
Specific Gravity	1.50 to 1.70
pH	Not determined

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EBI-60 – Electrical Box Insert

EBI-60 SIZES

Single Box	- 1-13/16 x 3-3/4 x 1/4 in. (47 x 95 x 6.7 mm)
Double Box	- 3-3/4 x 3-3/4 x 1/4 in. (95 x 95 x 6.7 mm)

COLOR

Black

EBI – INSERT

Disclaimer: All technical advices, recommendations and services rendered by the seller are gratis. They are based on technical data which the seller believes to be reliable and are intended for use by person having the skills and know how at their own discretion and risk. In no event will the seller be liable for any consequential damages arising out of the use of this product.



EBI – INSERT

INSTALLATION GUIDELINES AND SUGGESTED USE

Application

- Method: Installed by hand.
- Cleaning: Warm water.

Installation Preparation

- EBI-60s should be applied to surfaces that are clean and free of dust, dirt and grease.

Health and Safety

- Hand and eye protection is highly recommended. As with all sealants, consult the MSDS.

First Aid

- In case of contact with eyes, flush with large amount of water and consult a physician. For skin contact, wash thoroughly with soapy water. Contact a physician if skin irritation develops or persists. Consult the MSDS for additional information.

Chemical Resistance

- Good resistance to water.

Special Application

- EBI-60s should be installed by qualified electricians and in applications described in UL's Fire Resistance Directory – Volume 1.
- When the ground screw is located on the inside back panel, make a cut in the pad to access and expose screw. **DO NOT REMOVE MATERIAL FROM PAD.**

MAINTENANCE

The EBI-60s do not require maintenance after installation. Install new EBI-60 pad if original pad has been damaged.

WARRANTY

Passive Fire Protection Partners will not accept liability for more than product refund. Any claim regarding product defect must be received in writing within 1 year from date of shipment. Passive Fire Protection Partners makes no other warranty or guarantee, expressed or implied, including warranties or fitness for a particular purpose or merchantability. The seller shall assume no other liability for incidental or consequential damages arising out of the sale or use of this product.

ORDERING INFORMATION

EBI-60

Cat No.	Size	Color	Dispenser	Units per Case	Units per Skid
EBIF1	4 by 4 inch (102 by 102 mm) pad	Black	By Hand	10	840
EBIF2	2 by 4 inch (5 by 102 mm) pad	Black	By Hand	20	1680

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1.800.810.1788 Customer Service
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www.firestop.com
email: firestop@firestop.com

Passive Fire Protection Partners
1412 Derwent Way Delta, BC V3M 6H9