

**EBI-60** *Electrical Outlet Box Insert*

**PRODUCT DESCRIPTION**

PFP 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. EBI-60s do not contain solvents and are VOC compliant.

<b>SECTION CONTENTS</b>	<b>Page No.</b>
General Information .....	1
Technical Data .....	1
Installation Guidelines and Suggested Use .....	2
Ordering Information.....	2



**EBI-60 – Electrical Box Insert**

**GENERAL APPLICATION 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 & 2 hour rated wall assemblies. Remove any dust, dirt and oil from surfaces with a dry cloth. Peel off the protective adhesive backing and firmly press pad to inside back panel of the metal box making sure the pad is centered. Use only one pad, sized appropriately for either single or double outlet boxes. **\*\*When the ground screw is located on the inside back panel, make a cut in the pad to access the exposed 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 website.

**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

**PRODUCT FEATURES**

- Environmentally 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 installed
- Highly intumescent, up to 24 times
- Post-consumer recyclable

**TECHNICAL DATA**

Base	Polyisobutylene Resin
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 (4°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	1.5 to 1.7
pH	Not determined.

PDS - EBI-60

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 persons 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.





### INSTALLATION GUIDELINES AND SUGGESTED USE

#### Application

- Method: By hand.
- Cleaning: Warm water.

#### Installation Preparation

- EBI-60 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 application 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 the screw. **DO NOT REMOVE MATERIAL FROM PAD.**

### MAINTENANCE

The EBI-60 Do not require maintenance after installation. Install new EBI-60 pad if original 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, express 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

Cat No.	Size	Color	Dispenser	Units per Case	Units per Skid
EBI-F1	4 by 4 inch (102 by 102 mm) Pad	Black	By Hand	10	7200
EBI-F2	2 by 4 inch (52 by 102 mm) Pad	Black	By Hand	20	14400

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 persons 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.

