

**MP1 Firestop Intumescent Putty Pads**

**PRODUCT DESCRIPTION**

PFP Partners' MP1s are a moldable intumescent firestop pad designed to be easily installed to metallic and non-metallic electrical outlet boxes. The MP-1 has 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.

The MP1 provides a flexible non-hardening seal that is non-reactive with most substrates.

MP1 putty pads easily adhere and mold to the outside surface of the electrical boxes.

MP1s are non-hazardous, safe for the environment and do not require special shipping procedures. It does not contain solvents and are VOC compliant. Cleaning up is easy.

**GENERAL APPLICATIONS AND USES**

MP1s have been designed specifically to seal metallic and nonmetallic 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 plastic liner on one side of the pad. Align pad with side of box, allow for an overlap onto stud and remove the remaining plastic liner and work pad to cover all surfaces of box. To ensure a proper fit pad can be cut to form tight seal around cables and conduits. To seal the conduits inside box, work putty into a ball and pack inside conduit. Only one pad (minimum 1/8 inch thickness) is required for a 1 or 2 hour rated wall assembly.

MP1s must be installed in compliance with the listed system designs published by third party testing laboratories; Underwriters Laboratories (UL & ULC) or Intertek Testing Services - Warnock Hersey (WHi). Refer to their respective published Fire Resistance Directories or websites. The manufacturers recommended this product be installed by those trained in proper installation procedures (TQ Card) and be able to read and understand a firestop system design listing (i.e. UL or WHi listing designs).

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MP1 – Putty Pads

**PACKAGING**

7-1/4 inches by 7-1/4 inches by 1/8 inches (178 mm by 178 mm by 3.2 mm)

**COLOR**

Dark Red

PUTTY PADS

**PRODUCT FEATURES**

- Elastic properties – non-hardening
- 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
- Inert formula will not interact with substrates
- Improves STC Values and upgrades sound quality
- Easily to install and cleanup
- Post-consumer recyclables

**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)). A stock rotation program is recommended
Curing System	One-component – Non curing
VOC (less water)	0 g/L
Solids	100%
Surface Burning Characteristics (ASTM E-84)	Flame Spread Index <25 Smoke Development Index <50
Freeze/Thaw Stability	No impact on sealant by frost
Application Temperature	33°F to 90°F (1°C to 32°C)

Color	Dark Red
In-Service Temperature	Up to 120°F (49°C)
Volume Expansion	> 300% (free expansion)
Expansion Temperature	220°F (104°C)
Storage Temperature	40°F to 90°F (4°C to 32°C)
Specific Gravity	1.48
pH	Not determined
STC Rating	49

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.



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PUTTY PADS

**INSTALLATION GUIDELINES AND SUGGESTED USE**

**Application**

- Method: By hand.
- Cleaning: Warm water immediately after application.
- Tooling: Clean with water.

**Installation Preparation**

- MP1s 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.

**Special Application**

- MP1s should not be installed in submerged conditions.
- Do not expose MP1s to water.

**MAINTENANCE**

The MP1 do not require maintenance after installation. Use only materials approved by through-penetration firestop manufacturer as suitable for repair of original seal. Never mix different manufacturer's firestopping materials.

**CHEMICAL COMPATIBILITY**

MP1s are chemically compatible with all types of metal and plastic jacketed wires and cables listed in the system designs.

**STORAGE, HANDLING, TRANSPORTATION**

Manufacturer recommends storage temperatures between 40°F to 90°F (4°C to 32°C). Keep product stored in a protected covered area in its original containers. Storage in high heat, high humidity conditions may reduce products shelf life. A stock rotation program is recommended. Transportation temperatures 45°F to 85°F (7°C to 30°C) **DO NOT ALLOW TO FREEZE**

**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 on other liability for incidental or consequential damages arising out of the sale or use of this product.

**LIMITATIONS**

This product is not designed to be a waterproof seal. Not recommended for continuous submersion or use below the waterline. For best results, store and install above 45°F (7°C).

Application of this product is not recommended when frost or moisture is present on the surface to be sealed.

**ORDERING INFORMATION**

**MP1 – Putty Pads**

Cat No.	Size	Color	Applied	Units per Case	Units per Skid
PPF	7-1/4 x 7-1/4 x 1/8 inch (178 x 178 x 3.2 mm)	Dark Red	By Hand	20	4800

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