

**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 MP1 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 box. MP1s are non-hazardous, safe for the environment and do not require special shipping procedures. They do not contain solvents and are VOC compliant. Cleaning up is easy.

**GENERAL APPLICATION AND USES**

MP1s have been designed specifically to seal metallic and non-metallic 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 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 published Fire Resistance Directories or their website. The manufacturer recommends that 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 and/or WHi listing designs).

**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 restrictions and is environmentally friendly
- Inert formula will not interact with substrates
- Improves STC Values and upgrades sound quality
- Easy installation and cleanup
- 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 45°F (7°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	
Surface Burning Characteristics (ASTM E-84)	Flame Spread Index	< 25
	Smoke Development Index	< 50

Color	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.
Application Temperature	33°F to 90°F (1°C to 32°C)
STC Rating	60*

\*Tested in U411 Wall Assembly, ASTM E-90

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MP1- Putty Pads

**PACKAGING**  
7 inches by 7 inches by 1/8 inches  
(178 mm by 178 mm by 3.2 mm)

**COLOR**  
Red

PDS - MP1

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 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

MP1s 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, 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.

## 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

Cat No.	Size	Color	Dispenser	Units per Case	Units per Skid
PPF	7 x 7 x 1/8 inches (178 x 178 x 3.2 mm)	Red	By Hand	20	4800

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