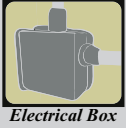




# Putty Pad

## Applications



Electrical Box

## Description

Putty Pad is a moldable fire-rated intumescent putty material. When exposed to heat or flame Putty Pad's quickly form a carbon char barrier which prevents the spread of flames, smoke, and toxic gases through openings in fire rated walls and partitions. Putty Pad is specifically designed to protect openings created by electrical boxes to restore up to 2-hours of fire resistance. Available in 9" X 9" pads for quick, easy install and can be cut to fit or ganged up to meet various sized electrical boxes.

## Characteristics and Features

- Easily installed by hand, reusable and re-penetrable
- Wall opening protective tested up to 2 hours in accordance with UL 1479 (category CLIV)
- Single & multi-gang metallic boxes up to 14" (356 mm) long
- Plastic & steel faceplate's
- 1 & 2 hr wood or steel stud walls
- Provides draft and smoke seal
- Excellent sound insulation properties
- Non-halogenated, Asbestos free, Low VOC
- Highly intumescent when exposed to fire

## Properties

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| <b>Color:</b>                     | <b>Black</b>                          |
| <b>Appearance:</b>                | <b>Semi-Solid, moldable</b>           |
| <b>Thickness:</b>                 | <b>3/16"(5mm)</b>                     |
| <b>Expansion rate:</b>            | <b>5~10 times</b>                     |
| <b>Percent Solids:</b>            | <b>100%</b>                           |
| <b>VOC:</b>                       | <b>0 g/L (0%)</b>                     |
| <b>Storage Temperature:</b>       | <b>5°C (41°F) to 45°C (113°F)</b>     |
| <b>Application Temperature:</b>   | <b>-10°F (-23 °C) to 120°F (49°C)</b> |
| <b>Mold and Mildew(ASTM G21):</b> | <b>No Growth</b>                      |
| <b>ASTM E84:</b>                  | <b>0 Flame 0 Smoke</b>                |
| <b>STC Rating (ASTM E90):</b>     | <b>63 (per construction type)</b>     |



## Storage and Handling

Putty Pad should be stored between 41°F(5°C)~113°F(45°C) in dry locations and under protective cover in their original container. Putty Pads have a minimum 2 year shelf life. If product freezes, thaw and examine completely before use.

## Limitations

Not intended for continuous use underwater Do not immerse in organic solvent.

## Packaging

9.00" x 9.00" x 3/16" (229 x 229 x5mm)/Pad, 20 Pads/Ctn



Fill, void or cavity material. For use in through-penetration firestop and joint systems.



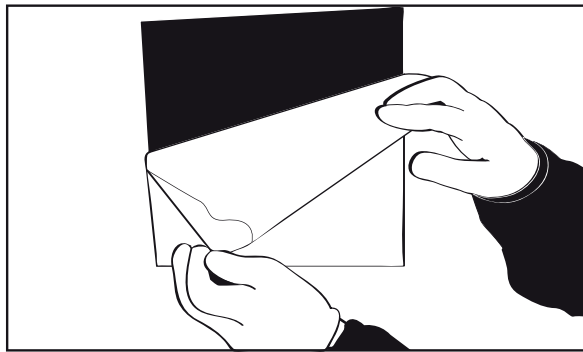
# Putty Pad

## Installation Instruction

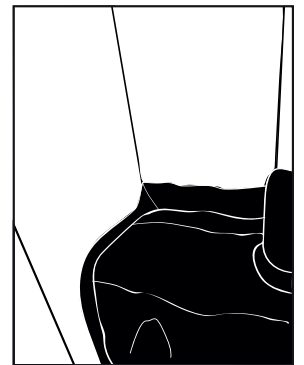
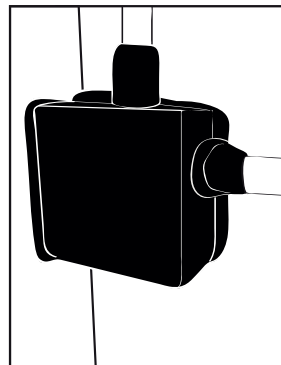
Putty Pad for use with UL Listed Metallic Outlet Boxes installed with plastic or steel cover plates in 1 or 2 hr fire rated gypsum board wall assemblies framed with min 3-1/2 in. wide wood or steel studs and constructed as specified in the individual U300, U400, V400, or W400 Series Wall and Partition Designs in the Fire Resistance Directory.

Always refer to applicable local building regulations to ensure the listed system details are applicable.

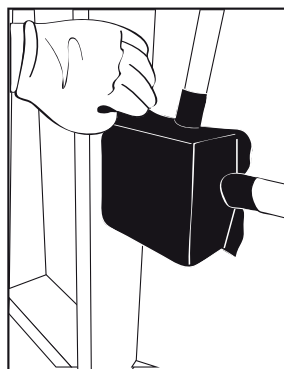
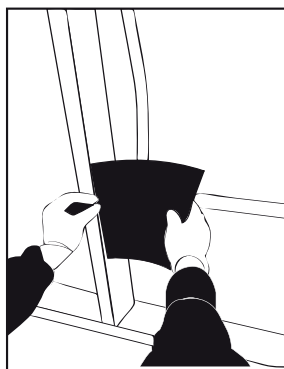
Surfaces to be covered must be clean. Oil, grease, and dirt should be removed with dry rags prior to putty pad installation. To ensure adhesion the substrate must be dry and frost free.



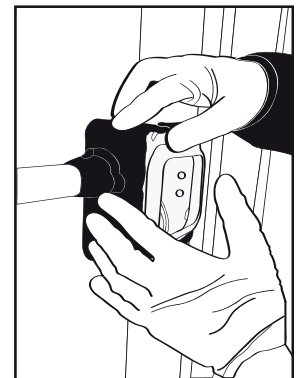
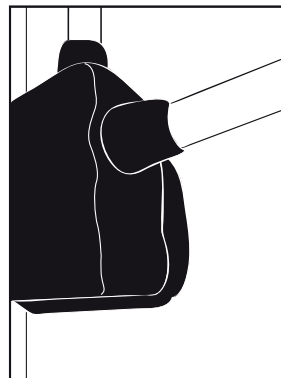
Remove film from putty pad



If gypsum board is installed, pack putty into gaps between box and gypsum board slightly overlapping inner wallboard surface. If gypsum board is to be installed after pad installation, overlap front edge of box so that putty will be compressed around edges of box as gypsum board is installed. Cut slits in pad to fit around conduit or cables.



Apply the pad to the stud side of the box partially overlapping the stud and press to adhere. Smooth the pad across the box to the opposite side, overlapping around all sides. Ensure complete contact with all sides and penetrating items.



Press pad to surface of top, bottom and sides of box.



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