

FIREBARRIER PUTTY PADS

1. PRODUCT NAME

A/D FIREBARRIER Putty Pads

2. PRODUCT DESCRIPTION

A/D FIREBARRIER Putty Pads are a single component intumescent fire resistive pad.

Basic Use: A/D FIREBARRIER Putty Pads are used to maintain the hourly ratings of fire resistive walls and partitions containing electrical boxes. They permit greater density of outlet and switch boxes in rated walls and partitions than would otherwise be permitted by building codes for unprotected boxes.

Composition and Materials: A/D FIREBARRIER Putty Pads are made of an intumescent material. When exposed to fire they expand to form a char that encloses the electrical box and seals any openings. Putty Pads resist the transfer of heat and flame into the wall cavity and help to maintain the fire resistance rating and integrity of the rated wall or partition.

Packaging: A/D FIREBARRIER Putty Pads are available in 7 x 7 x 1/8 in. (178 x 178 x 3 mm) pads.

Color: Reddish -Brown

Application Limitations:

- Do not use where abrasion or physical abuse is anticipated.
- Do not apply to surfaces with special protective or cosmetic coatings without first testing adhesion and prior consultation with the manufacturer.

3. TECHNICAL DATA

Fire Resistance Ratings: A/D FIREBARRIER Putty Pads have been tested and certified by UL and

are classified as "Wall Opening Protective Materials" (CLIV). Refer to UL's Fire Resistance Directory, Volume 1 for the specific applications and the method of installation for which the product has been evaluated. The basic test standard used to evaluate this product is ANSI/UL 263, "Fire Tests of Building Construction and Materials."

ULI: CLIV and QCSN.

Surface Burning Characteristics: (ASTM E84 / UL723)

Flame Spread: 5

Smoke Developed: 15

4. INSTALLATION:

A/D FIREBARRIER Putty Pads must be installed in accordance with the provisions of NFPA 70, "National Electrical Code" and all other applicable codes.

When used as directed, Putty Pads permit the horizontal spacing between electrical boxes on opposite sides of the wall to be less than 24 in. (610 mm), provided the boxes are not installed back-to-back.

Surfaces of box and stud to which Putty Pad is to be applied should be clean and free of any material that would prevent adhesion.

- 1) Remove paper from one side of Putty Pad.
- 2) Apply Putty Pad to back of box slightly overlapping stud.
- 3) Work Putty Pad around top, bottom and side of box so as to completely encapsulate it.
- 4) Cut slits into Putty Pad for cables and conduits.
- 5) If gypsum board membrane is present, work Putty Pad into all spaces between box and gypsum board and overlap gypsum board slightly.

6) If no gypsum board is present, overlap front edges of box so that Putty Pad will be compressed as the gypsum board is installed.

7) Firmly press Putty Pad to all surfaces of box and remove paper.

8) Trim excess Putty Pad and apply to conduit fittings.

Excess Putty Pad material may be installed inside conduit fittings for smoke control (optional).

Precautions: May cause irritation. May be harmful if swallowed. Avoid contact with eyes. Wash hands thoroughly after handling. Use only as directed. **Keep out of reach of children.** To safely use this product, read and abide by Material Safety Data Sheet (MSDS).

Shelf Life: A/D FIREBARRIER Putty Pads have a shelf life of 2 years when stored in a dry place at temperatures of 0 to 120°F (-17 to 49°C) in original and unopened box. Protect from freezing for best results. If frozen, thoroughly thaw before use.

5. AVAILABILITY AND COST

Availability: A/D sales offices and technical representatives are located throughout North America.

6. MAINTENANCE

No maintenance should be required. If Putty Pad becomes damaged, replace with new A/D FIREBARRIER Putty Pad.

7. TECHNICAL SERVICES

Contact your nearest A/D office or representative.

A/D FIRE PROTECTION SYSTEMS

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