



# FIREBARRIER INSERTS

## 1. PRODUCT NAME

A/D FIREBARRIER Inserts

## 2. PRODUCT DESCRIPTION

A single component, fire resistive insert for use in metallic electrical boxes.

**Basic Use:** A/D FIREBARRIER Inserts 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 Inserts are made of an intumescent material. When exposed to fire they expand to form a char that completely fills the electrical box and seals any openings. Inserts 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:

Electrical Box	Insert Size (Nominal)	Carton
Single	2 x 4 in. (50 x 100 mm)	50 Inserts
Double	4 x 4 in. (100 x 100 mm)	50 Inserts

**Color:** Black

### Application Limitations:

- Do not use on electrical boxes with internal clamps.
- Do not use in non-metallic electrical boxes.

## 3. TECHNICAL DATA

**Fire Resistance Ratings:** A/D FIREBARRIER Inserts 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 Guide No's:** CLIV and QCSN.

## 4. INSTALLATION

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

When used as directed, Inserts 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.

Select appropriate size of Insert for electrical box.

One Insert is to be adhered to the inside back wall of each electrical box. Inside back wall of box should be clean and free of any material that would prevent adhesion to the electrical box. Remove protective paper from adhesive tape on back of Insert and adhere Insert to inside back wall of box. Insert may be slit from one edge if necessary to permit access to ground screw.

**Precautions:** Avoid prolonged contact with skin. **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 Inserts have a shelf life of 2 years when stored in original and unopened container at 35 to 120°F (2 to 49°C).

## 5. AVAILABILITY AND COST

**Availability:** A/D sales offices and technical representatives are located throughout North America. (See below)

## 6. MAINTENANCE

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

## 7. TECHNICAL SERVICES

Contact nearest A/D office.

## A/D FIRE PROTECTION SYSTEMS

Head Office: 420 Tapscott Road, Scarborough, Ontario, M1B 1Y4

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### Contact By State or Province

AK, AR, AZ, CA, CO, HI, ID, LA, MT, NM, NV, OK, OR, TX, WA, WY, UT: Tel: (888) 323-3473, Fax: (949) 458-9220

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