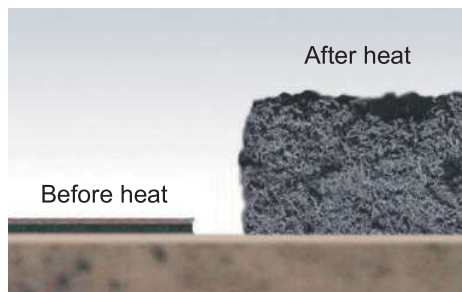# FP-02
Firestop Sheet

After heat

Before heat

Description

FP-02 Firestop Sheet is fabricated by bonding proprietary intumescent materials to a metal sheet. INCA Firestop Sheet is specifically designed to protect large penetration openings on fire rated walls and floors. Firestop sheet securely blocks flame and prevents the passage of toxic fumes and smoke.
After exposure to 1×10^{6}Gy (1×10^{8}rad) of neutron or gamma radiation, FP-02 will maintain full firestop performance characteristics 50 plus years.

Uses

Firestop sheet closes large penetration openings on walls or floors. Used to protect cables, cable trays, piping, conduit and penetrations of busway consisting of a variety of materials.
Firestop sheet can be installed with other proprietary products such as Firestop Putty, Fire Barrier Sealant or Intumescent Strips.

Feature

- Easily trimmed to different sizes to fit any installation
- Fits large openings and works with nearly all construction materials
- Halogen free
- Asbestos free
- Stable and maintenance free

Specification

Size	90cm x 90cm
Thickness	7.7±1.3 mm
Expansion rate	≧5 times

Test

- UL1479, 2hrs, F Rating
- ULC S115
- FM approved
- CNS15814-1
- CNS14514, 2hrs, Class A& B
- GB23864
- ASTM E84
- ASTM E662

Installation guide

1. Apply INCA Firestop Putty FM012 or INCA Fire Barrier Silicone Sealant INSS2460 around the perimeter of the opening.

2. Firestop Sheet to be installed to lap a minimum of 2 in. (51mm) on all sides of the through opening and with the aluminum foil facing against the surface of the floor (galvanized steel plate side outwards).

3. Sheet to be secured to the top surface of floor using min 3/16 in. diam by 1-1/2 in. (5 mm by 38 mm) long steel expansion bolts in conjunction with min 1-1/4 in. (32 mm) diam steel fender washers. Max spacing of fasteners not to exceed 6 in. (152 mm) OC.

4. All wall openings require a cover sheet of FP-02 Firestop Sheet and putty/sealant on both sides of the wall.

Applications

No penetration | Metallic pipe | Plastic pipe | Cable bundle | Insulated pipe

Cable tray | Air duct | Multiple penetration | Dry walls | Busway