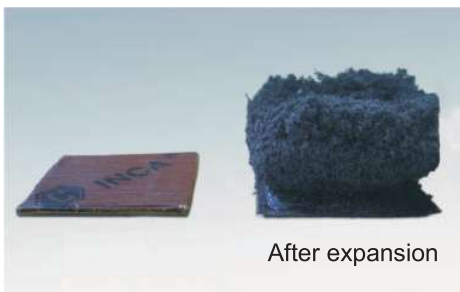


FP-04+ Firestop Sheet



Description

FP-04+ 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 1×10^5 Gy (1×10^5 rad) of neutron or gamma radiation, FP-04+ will maintain full firestop performance characteristics 50 plus years.

Uses

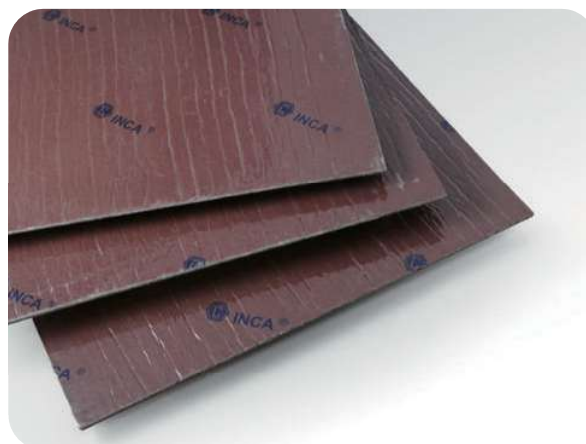
Firestop sheet closes large penetration openings on walls or floors. Used to protect cables, cable trays, piping, conduit and penetrations of busway consisting of a variety of materials. Firestop sheet can be installed with other proprietary products such as Firestop Putty, Fire Barrier Sealant or Intumescent 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	≥ 2 mm
Expansion rate	≥ 10 times



Test

- UL1479, 3hrs, T & F Rating
- ULC S115, 3hrs, F and FH Rating
- FM approved
- ASTM E814
- CNS14514, 3hr, class A&B
- GB23864
- ASTM E84

Installation guide

1. When max opening dimensions exceeds 20 in. (508mm) in both width and length, two min 2 x 2 in. (51 by 51 mm) by No.10 gauge galvanized steel angles shall be installed within the longest dimension of the opening, with one angle flush with both top and bottom of floor or both surfaces of wall. These angles provide a framing member for an intermediate securement of the firestop sheet at both surfaces of opening.
2. Min 4 pcf (64 kg/m³) mineral wool batt insulation firmly packed into opening as a permanent form to completely fill the annular spaces between and around the penetrants within the opening. Packing material to be installed flush with both surfaces of floor or wall.
3. FP-04+ Firestop Sheet with intumescent bonded layer exposed. Sheet cut to an overall rectangular size such that it overlaps the floor or wall around the periphery of the opening by min 2 in. (51 mm). Sheet cut to fit the contour of the through penetrants within the opening. Sheet applied to both sides of floor or wall.

Applications

