Price of Fireproof Cable Tray Through-Wall Panels



Overview

Ready-to-use panel for firestop compartmentalisation AF PANEL is a fireproof panel certified under EN 1366-1, EN 1366-3 and EN 1366-4 up to EI 240 protection of a wide range of wall and floor penetrations.

Key Takeaways

The price of fireproof cable tray through-wall panels varies widely depending on material, size, and fire rating, typically ranging from $50 to several hundred dollars per unit.

Product Types and Features

Fireproof pillows, pads, and wraps are commonly used to seal gaps around cable trays passing through walls. These products often consist of reinforced glass cloth filled with fireproof sponge and intumescent material, which expands during a fire to seal openings and prevent flame and smoke spread. They are suitable for both metal and plastic cable trays and can be installed in walls, floors, or ceilings.

Retrofit devices, such as the EZ Path Cable Tray Retrofit Device, provide a fast, code-compliant solution for existing installations. These two-part devices install around non-compliant cable tray penetrations, restoring fire resistance without the need for additional firestop products or complex rework. They are ideal for high-fill cable trays and retrofit environments.

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Firestop packs, mastic, and mineral wool are also used for wall penetrations. Proper installation requires tight sealing around all gaps, with packing thickness typically not less than 24 cm and gaps between packs less than 1 cm^2. Cover plates are often used to close openings neatly and maintain fire rating.

Factors Affecting Price

Material and Fire Rating: Products with higher fire ratings (e.g., 2-hour or 3-hour) or specialized coatings for chemical or UV resistance cost more. Size and Cable Fill: Larger wall openings or high-density cable trays require bigger or multiple panels, increasing cost. Installation Type: Retrofit devices may be more expensive per unit but reduce labor costs compared to custom firestop packs.

Compliance and Certification: Products tested to meet UL, FM, or EN fire standards may carry a premium.

Estimated Price Range

Small fireproof pillows or pads: $50–$150 per unitMedium to large wall penetration panels: $150–$400 per unitRetrofit devices for high-fill cable trays: $200–$500 per unit Prices vary by supplier, region, and project specifications. For exact pricing, it is recommended to contact manufacturers or distributors such as HSP Fire Protection, Envirograf, or Flamro for quotes tailored to your installation requirements.

Conclusion

While exact prices depend on multiple factors, fireproof cable tray through-wall panels and retrofit devices generally range from $50 to $500 per unit, with higher costs for larger, high-fire-rating, or specialized products. Selecting the right solution requires balancing fire safety compliance, installation ease, and budget.

Article Content

Firestop

3M Fire Barrier Moldable Putty+ is a one-part, halogen-free product designed to firestop electrical outlet boxes and a wide variety of through-penetrations including cable, conduit, insulated pipe and metal

AF Panel | Fire protection for expansion joints

Ready-to-use panel for firestop compartmentalisation AF PANEL is a fireproof panel certified under EN 1366-1, EN 1366-3 and EN 1366-4 up to EI 240 protection of a wide range of wall and floor penetrations.

Fireproof pillow for cable tray penetrations

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The product is certified for "small" - "medium" and "large" cable penetrations, to create a fireproof seal for cables with a diameter of up to 21 mm ("small") with a

High Density Fireproof Board for Cable Trays and Wall Penetration

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Seal cable penetrations with our modular firestop solutions, designed to create water-, smoke- and gas-tight barriers in energy and industry projects both onshore and offshore.

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FIRE RESISTANT PROOF CABLE TRAY, DIN STANDARD E90

Cablofil cable tray is the preferred choice for the cable containment of low and high voltage electric cables where fire resistance is crucial - this includes cable basket tray systems for Prysmian FP

Firestop Passthroughs & Collars

Firestop passthroughs and collars install in an opening in a fire-rated wall to ensure the wall retains its fire rating. The opening allows wires, cable, and conduit to pass through the wall while maintaining

System No. W-L-4085 Cable tray with cables in drywall

System No. W-L-4085 Cable tray with cables in drywall Up to 6 in. by 24 in. steel or aluminum cable tray with max. 45% cable fill F-Rating: 2 h; T-Rating: 1 h Fire

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Types of Electrical Cables: A Complete Guide

Cables are ubiquitous in electrical engineering, industrial production, and daily life. Different environments and equipment require different types of

Firestop

The following charts give the number of 3M pillows needed to completely firestop an opening that cable tray passes through.* Two (2) sticks of moldable putty (part number FSP-MPS) are also needed for

CABLE TRAY PENETRATION THROUGH FIRE RATED WALL

FIRE RATED WALL ATTACH OUTER LAYER OF BAGS TO WALL WITH FIREPROOF CALK PER SIZE OF WALL MANUFACTURERS OPENING SHALL RECOMENDATIONS BE APPROX. 6"

Wholesale Cable Tray

Competitive cable tray products from various cable tray manufacturers and cable tray suppliers are listed above, please select quality and cheap items for you.

CSD Sealing Systems: Firestops

CSD FIRSTO® firestops are designed to seal multi-cable and cable tray penetrations of fire-rated walls or floors. FIRSTO® utilizes a metal frame that encompasses the entire cable run, cable tray with

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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