

Article Overview

The cost of fireproof sealing for cable trays varies widely depending on the product type, fire rating, and installation complexity, typically ranging from \$0.50 to \$50 per unit or linear foot.

Types of Fireproof Sealing Solutions

- o **Intumescent Fireproof Pillows** Products like AF BAGS are designed for cable tray penetrations and provide fire resistance up to EI 240 (EN 1366-3). They are easy to install, repositionable, and suitable for walls, floors, and sandwich panels. The sealing depth for cables up to 21 mm is typically 120 mm, and the cost depends on the number and size of pillows required for the penetration .
- o **Fireproof Sealants and Coatings** Fireproof sealants, such as intumescent acrylics, silicone, or polyurethane foams, are applied around cable trays to prevent flame and smoke propagation. Prices vary based on fire rating (e.g., 2-hour or 4-hour), coverage rate, and material type. For example, bulk polyurethane foam can start at \$0.58 per unit for large orders, while high-performance intumescent sealants can cost significantly more .
- o **Cable Fire Protection Coatings** Coatings like FLAMMOTECT-A or DG-CR 0.7 provide a protective shield around cables and trays, enhancing resistance to fire, UV, moisture, and chemicals. These are typically used in industrial, offshore, or sensitive facilities. Pricing is project-specific and depends on the surface area, number of cable trays, and environmental conditions .

Factors Affecting Cost

- o **Fire Rating Requirements:** Higher EI ratings (e.g., EI 240 vs EI 120) increase material and labor costs.
- o **Cable Tray Size and Number of Penetrations:** Larger trays or multiple penetrations require more pillows or sealant.
- o **Installation Complexity:** Access, wall/floor type, and need for scaffolding or specialized labor can increase costs.
- o **Material Type:** Intumescent pillows, silicone sealants, and high-performance coatings differ in unit cost.
- o **Supplier and Certification:** Products with UL, EN, or CE certifications may be more expensive but ensure compliance with safety standards .

Typical Price Ranges

- o **Intumescent pillows:** \$5-\$50 per pillow depending on size and fire rating.
- o **Sealants (acrylic, silicone, polyurethane):** \$0.50-\$10 per linear foot or per tube, depending on coverage and fire rating.
- o **Fireproof coatings:** \$10-\$50 per square meter, depending on thickness and environmental resistance requirements. For precise pricing, it is recommended to contact suppliers directly with project specifications, including cable tray dimensions, number of penetrations, and required fire rating, as costs vary significantly by region and project scale .

Price of Fireproof Sealing for Cable Trays

FIRSTO firestops are designed to seal multi-cable and cable tray penetrations of fire-rated walls and floors.

For example, a cable tray may contain electrical cables powering essential services that are

Discover Trafalgar Fire's fire-resistant cable trays. Ensure safety and compliance with our top-quality fire

General Information: - d in cable trays / racks, conduits, ducts. The fireproof cable penetration system shall be designed in such a

The EZ Path®; Cable Tray Retrofit Device provides a fast, code-compliant way to restore firestopping

Multi-cable and Cable-tray Firestop Penetrations CSD FIRSTO®; firestops are designed to seal multi-cable and cable tray

Ensure safety and durability with this comprehensive guide to fireproof cable trays

Our range of trunking and cable tray protection products provide effective fire protection for pipes, cables and trunking within floors,

Approval Type: IFC Certification No.IFCC1029 Pyroplex Pressure Exerting Sealant expands multi-directionally when exposed to

Fireproofing prevents the spread of fire through cable trays and conduits, maintaining critical systems such as alarms, lighting, and

A removable glass cloth coated pillow filled with fireproof sponge and intumescent material which expands to 3 times its original size

Cable penetrations and fire safety There are many different types of cables and cable penetrations that can

Periodically inspect outdoor trays for rust, moisture accumulation, or UV damage.Fireproof trays require

The composition of fireproof walls and fire-blocking sections should use fireproof sealing materials suitable for the

DC6150/DC310 Cable Coatings are non-halogenated, asbestos-free, non-toxic, flexible, ablative or intumescent, fire retardant cable



Price of Fireproof Sealing for Cable Trays

Seal cable penetrations with our modular firestop solutions, designed to create water-, smoke- and gas-tight barriers in energy and

Web: <https://www.kremgroup.co.za>

