Quotation for Fireproof Cable Tray Project



Overview

Invicta Durasteel have installed cable enclosures across a variety of projects, including the protection of critical life-safety cables.

Key Takeaways

Fireproof cable trays are available in steel, fiberglass, and aluminum, with fire ratings up to 1050°C, and pricing depends on material, load capacity, and project scale.

Key Considerations for Quotation

Material Selection: Fireproof cable trays are commonly made from stainless steel, galvanized steel, aluminum, or fire-resistant fiberglass. Steel offers high heat resistance and durability, while fiberglass is lightweight, corrosion-resistant, and suitable for chemical exposure environments. Aluminum provides a balance of light weight and corrosion resistance.

Fire Ratings and Standards: Ensure the trays meet international fire safety standards such as ISO 834-1, EN 1363-1, DIN 4102-12, and AS/NZS 3013: 2005. Some trays, like NewReach Fire Rated Cable Trays, offer a 2-hour fire rating at up to 1050°C, providing reliable protection during emergencies. Flame spread, smoke density, and non-combustibility certifications are critical for compliance.

Load Capacity and Dimensions: Verify the tray's load rating (e.g., 10 kg/m on a 1. 65-meter span) and dimensions (e.g., 150 mm laying width, 3-meter lengths) to match your cable weight and installation layout. Consider support spacing and hanger systems to ensure structural integrity.

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Installation and Maintenance: Some trays allow quick installation with standard threaded rods and compressible firestop bricks, enabling easy cutting, removal, and reinstallation. Evaluate whether your project requires specialized installation skills or can use modular systems for efficiency. Supplier and Project Scale: Choose suppliers with proven experience and flexibility in minimum order quantities (10–100 meters) to align with your project size.

Assess total cost of ownership, including durability, maintenance, and compliance, rather than just unit price. Quotation Request Template: When requesting a quotation, include: Project location and total cable lengthRequired tray material and fire ratingLoad capacity and span requirementsInstallation environment (indoor/outdoor, chemical exposure)Compliance standards neededDelivery schedule and MOQ flexibility Cost Considerations: Prices vary based on material, fire rating, and supplier. Steel trays generally cost more than fiberglass but offer higher heat resistance.

Fiberglass trays reduce weight and chemical corrosion risks, potentially lowering installation costs. Always balance initial cost with long-term safety and durability. By providing these specifications to suppliers, you can obtain accurate quotations tailored to your fireproof cable tray project while ensuring compliance, safety, and operational efficiency.

Article Content

Fire Rated Cable Encasements: Invicta Durasteel

Invicta Durasteel have installed cable enclosures across a variety of projects, including the protection of critical life-safety cables. For more information, to book a complementary site visit and to find out

Fire resistant cable tray | Hermi-solutions

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Cable Tray Quotation for Solano Project

The document is a quotation letter from a company providing pricing details for various sizes of galvanized cable trays and cable trunks for a project. It includes technical specifications and

Cable Tray Quotation Guide | PDF | Civil Engineering

Cable tray quotation guide - Free download as PDF File (.pdf), Text File (.txt) or read online for free. This document provides specifications for T&B cable tray, including: 1) Material options of aluminum,

Cable Tray Price List | Electrical Works

The cable tray price list are for hot dip galvanized ladder type cable tray. The price is based on standard length of the cable tray which is 2.4 meters.

Fireproof Cable Trays Acceptance: Standards for Safety and Longevity

Ensure safety and durability with this comprehensive guide to fireproof cable trays acceptance. Learn coating processes, inspection standards, and maintenance tips.

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2026 Top Fireproof Cable Tray Buy Wholesale Price Guide for Buyers

Fireproof Cable Trays aren''t just about keeping wires in check — they actually help cut down on fire hazards and make commercial and industrial spaces safer. Come 2026, folks shopping

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