Steel Fireproof Cable Tray Manufacturers

Overview

All fastenings of fire-resistant cable management system installations must be carried out with corresponding fire-rated fastening accessories.

Key Takeaways

Top manufacturers of steel fireproof cable trays include NewReach, Armorduct Systems, Meka Pro, Flamro, and Cablofil, offering high-quality, fire-rated solutions for industrial and commercial applications. Leading Manufacturers and Their OfferingsNewReach produces fire-rated cable trays using premium materials such as stainless steel, galvanized steel, tempered glass, and fire-resistant polyester fiberglass. Their trays feature specialized fire-resistant coatings and are tested to meet ISO 834-1, EN 1363-1, DIN 4102-12, and AS/NZS 3013: 2005 standards, with a WS5X classification providing a 2-hour fire rating at up to 1050°C.

They offer 3-meter lengths, 150mm laying width, and a 10kg/m load rating, designed for heavy-duty applications while maintaining safety and compliance. Armorduct Systems Ltd (UK) manufactures a wide range of steel cable management systems, including cable trays, baskets, trunking, and floor boxes. They provide both standard and bespoke solutions, ensuring flexibility for complex installations and compliance with fire safety requirements.

Meka Pro specializes in fire-resistant cable support systems, rigorously tested according to EN 1363-1 standards. Their products are designed to maintain electrical supply during fire events, withstand heavy loads, and prevent toxic fumes. Meka Pro emphasizes installation according to manufacturer instructions and international standards to ensure safety and reliability.

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Flamro offers fire protection solutions for cables and cable trays using FLAMMOTECT-A and DG-CR 0. 7 technologies. Their products are suitable for high-rise buildings, industrial facilities, hospitals, airports, and power stations.

Flamro's coatings and tapes prevent flame propagation, resist environmental factors like UV and chemicals, and ensure cables remain functional during fire emergencies. Cablofil provides fireproof cable trays tested to the German DIN 4102-12 standard. Their cable basket tray systems are used in construction, power, oil, gas, petrochemical, rail, and utilities industries.

Cablofil trays are tested in ovens up to 1000°C for 30, 60, and 90 minutes, ensuring robust fire resistance. They recommend complementary accessories like Ellis Patents Phoenix Cable Cleats for secure installations.

Key Considerations

Material: Stainless steel and galvanized steel are common for fireproof trays due to durability and heat resistance. Fire Rating: Look for compliance with ISO, EN, DIN, or AS/NZS standards to ensure certified fire resistance. Load Capacity: Ensure trays can support the intended cable weight without deformation during fire exposure.

Installation: Proper installation with fire-rated fasteners and adherence to manufacturer guidelines is critical for safety. Environmental Resistance: Some trays offer additional protection against UV, moisture, chemicals, and saltwater for outdoor or industrial use. These manufacturers provide reliable, tested solutions for fireproof cable management, suitable for critical infrastructure, industrial plants, and commercial buildings.

Article Content

Fire-Resistant Cable Support Systems

All fastenings of fire-resistant cable management system installations must be carried out with corresponding fire-rated fastening accessories. If you have any

Fire resistant cable tray | Hermi-solutions

Cable trays are intended for the construction of fire-resistant cable paths. Do you need help with your purchase? The HERMI team will be happy to advise you and

Fireproof Channel Cable Tray System

The surface of the fireproof channel cable tray has a frosted feeling. It is generally used in the distribution line of fire fighting equipment, such as fire control rooms,

Cable Trays

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Our mesh cable trays are available in galvanised, stainless steel, or electro-zinc finishes, providing high resistance to corrosion and mechanical stress. Each system includes straight elements, shelves,

Cable Trays & Accessories | Cable Management Systems | MEP

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Fire protection for cables & cable trays | Flamro

With our fire protection for cable systems, we ensure that your lines meet the highest safety standards and are reliably protected in the event of an emergency.

Fire Rated Cable Encasements: Invicta Durasteel

There are two fundamental Durasteel cable enclosures systems which are used for different scenarios and requirements. Invicta Durasteel have installed cable

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Heat Insulation and Protection Measures for Fireproof Cable Trays

Key Materials Used in Fireproof Tray Construction These trays are typically fabricated from galvanized steel, stainless steel, or aluminum alloys due to their excellent strength-to-weight ratios

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Cable Trays – gilautomation

GIL Automations is a professional and honest manufacturer of cable trays, aiming to provide quality products with most competitive prices and solve customers'' problems. We are striving to gain our

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Fire Resistance Testing of Cable Trays: Key Standards & Methods

Are Your Cable Trays Fireproof? Here''s How to Find Out When a fire breaks out, the last thing you want is your cable trays

What are the fireproof characteristics of cable trays?

Then, take the fireproof metal cable tray as an example to understand the fire protection requirements of the cable tray. Fire-resistant bridges are coated with fire-resistant coatings on the

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