ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Mali flame-retardant cable trays are available in a full range of specifications



Overview

Mali fireproof cable trays are available in a full range of specificationsTop-quality fire resistant cable tray with N1 fire rating, 5-12 mm fireproof core.

Key Takeaways

Mali flame-retardant cable trays are available in a wide range of types, materials, and specifications to meet diverse industrial and commercial needs.Types and Designs

Mali cable trays come in several designs to suit different installation requirements:

• Ladder-Type Trays: Ideal for heavy-duty cables, providing excellent ventilation and easy maintenance.

• Perforated Trays: Allow air circulation, drainage, and flexible cable entry/exit points.

• Solid Bottom Trays (Cable Channels/Troughs): Provide full protection but are less commonly used . Covers are available for ladder and perforated trays to enhance protection against dust, moisture, or mechanical damage.
Materials

These trays are manufactured from a variety of materials to ensure durability and fire resistance:

• Galvanized Steel: Pre-galvanized for indoor use or hot-dip galvanized for indoor/outdoor applications .

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• Stainless Steel and Aluminum: Offer corrosion resistance and long-term durability.

• Fiberglass Reinforced Plastic (FRP): Non-conductive, lightweight, corrosion-resistant, UV-stabilized, and flame-retardant, suitable for aggressive environments like chemical plants or coastal installations .

Specifications

Mali cable trays are available in a broad range of dimensions:

• Width: 50mm to 600mm

• Height: 20mm to 150mm

• Thickness: 1mm to 4mm

• Accessories: Full range of fittings and supports for secure installation . FRP trays meet ASTM E-84 Class 1 flame rating and ASTM D-635 self-extinguishing requirements, ensuring high fire safety standards .

Applications

These flame-retardant cable trays are suitable for:

• Public Buildings: Hospitals, schools, hotels, government centers, and high-rise buildings.

• Infrastructure: Airports, subway systems, bridges, tunnels, and ports.

• Industrial Facilities: Petrochemical plants, oil refineries, power stations, shipbuilding, and aerospace installations .

Advantages

• Fire-resistant and flame-retardant

• Corrosion and chemical resistant

• Non-conductive (FRP)

• Lightweight yet strong

• Easy maintenance and cable replacement

• Long service life and safety compliance Mali flame-retardant cable trays provide a versatile, safe, and durable solution for managing electrical cables in demanding environments, with options to meet virtually any specification or installation requirement.

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Article Content

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Cable Tray Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and

FRP Cable tray

A range of our standard perforated cable trays are listed below: The perforated type, solid bottom, pre-drilled cable tray are designed

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Cable Tray Specification Overview

This document provides a general specification for cable trays for an electrical project. It outlines technical requirements, codes and

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Fiberglass Cable Tray

MP Husky Fiberglass Cable Tray is available in both polyester and vinylester resin systems. They are manufactured to meet ASTM E

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