

New Zealand Fireproof Cable Tray Specifications and Dimensions



Summary of Content

Fireproof cable trays in New Zealand are available in steel and FRP constructions, compliant with AS/NZS 3013 and DIN 4102-12 standards, with dimensions and load capacities tailored for industrial and commercial applications.

Types and Materials

FRP (Fiber Reinforced Plastic) Cable Trays

- Lightweight, non-corrosive, fireproof, and UV-resistant, suitable for harsh environments in New Zealand and Australia .
- Available in ladder and solid tray designs, with ventilated options for airflow and heat dissipation .
- Covers can be peaked or flat, engineered for a 50-year design life, ensuring long-term protection against fire, water, and debris .
- Accessories include tees, crosses, bends (45° and 90°), couplers, reducers, and splice plates for flexible installation .

Steel Cable Trays

- Pre-galvanized or hot-dip galvanized steel, optionally powder-coated .
- Suitable for power, data, and audiovisual cabling, with easy access for maintenance .
- Can be integrated with BIM-enabled 2D and 3D CAD designs for planning and installation .

Fire Resistance Standards

Article Content

Cable Tray EzyTray

Steel & Tube offer a full range of cable trays and cable ladders suitable for all cable containment, and additionally can provide full

LEGRAND CABLE TRAYS TECHNICAL GUIDE

Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management,

2020 Plan and install cable support systems

Range Demonstration of safe working practices and installation in accordance with safe and sound practice are essential

Cable Tray Dimensions and Specifications as per NEC

Many electrical systems employ cable trays. They route cables safely & efficiently. NEC defines minimum cable tray

Cable Tray Standards | Cable Management | Metsec

Cable Management - Cable Tray Systems Standards. Contact Our Dedicated Support Team On +44 (0)121 6016000.

Fireproof Cable Trays Acceptance: Standards for Safety and Longevity

Ensure safety and durability with this comprehensive guide to fireproof cable trays acceptance. Learn coating

Product Specifications: CABLE TRAY

FDG CABLE TRAY FDG Cable Tray is designed to continuously support cable systems including; Power, Data, and Audio Visual. A

Cable Trays & Basket NZ | Cable Management Trays

Data Centres: Cable management trays are crucial for the organised routing of data and power cables, as well as maintaining airflow

Protecta FR Board Concrete Wall min 75mm Cable Tray

Il loose 1200mm contaminants, dust and grease. 60mm The boards should be flush with the surface of the constru. tion on both sides

Features of New Zealand Fireproof Cable Trays

Steel & Tube offer a full range of cable trays and cable ladders suitable for all cable containment, and additionally can provide full

Fire Rated Cable Support Systems

The Fire Rated System complies with Australian and New Zealand Standard AS/NZ 3013:2005 Classification WS5X. It is designed

Cable Tray Sizes & Compliance with Australian

Learn how to choose the right cable tray sizes to meet Australian electrical standards and

Cable Trays | Mechanical Support Systems New Zealand

Cable Trays Light to Medium Duty Cable Trays Mechanical Support Systems supplies a versatile range of light to medium duty cable

Cable Tray Systems

Durable and reliable cable tray systems providing premium performance in commercial and industrial applications, available in a

cable tray technical specifications cable tray

standards & specifications light & medium duty cable tray sizes essories do not have a return edge. Also light duty tray of widths

FRP Cable Ladders and Trays | Treadwell Group NZ

We construct and supply both solid and ventilated trays with pre-assembled fittings with pre-drilled straight sections. This allows

Protecta FR Boardx2 Concrete Wall Cable Trays

Cable trays and conduit through a concrete wall from 120mm. Protecta FR Board 60mm 2-sided to both

Features of New Zealand Fireproof Cable Trays

Overview Cable trays or conduit through a concrete wall min 75mm thick. Protecta FR Board 60mm or 50mm to both sides of wall.

Cable Tray Sizes & Compliance: Meeting Australian Electrical Standards

Learn how to choose the right cable tray size. Meet Australian standards with Solar Rains" cable trays for safe & efficient solar.

FIREPROVED cable containment solutions

FIREPROVED cable containment solutions MSS FIREPROVED is a locally designed and manufactured fire rated cable containment

PeNeTRaTIONS IN GIB FIRE RaTeD SySTeMS

The following penetration details show the general principle of forming simple penetrations through one side of a GIB® fire rated

AS/NZS3013:2005 FIRE RATED CABLE MANAGEMENT

We now have a NEW range of fire rated cantilever assemblies for cable ladder and ET3 cable tray; expanding your choice when it

Product Specifications: CABLE TRAY

FDG CABLE TRAY ng; Power, Data, and Audio Visual. A quick and easy system to install without the need for specialised tools or

Cable Tray — Ideal Electrical Suppliers Limited

Your local electrical suppliers since 1936, we stock over 53,000 electrical supply products. Shop online, or at one of our New Zealand

CABLE TRAY

Available in a range of cable laying depths and widths, we have a solution that works for your job. This tray is stocked

CABLE TRAY SYSTEMS GUIDE

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads.

Contents Strut & Cable Tray

t heavy high-voltage cable. Available in Aluminium, HDG and Stainless, it comes in several diferent load rati gs and cable laying

Cable Tray Technical Guide A practical guide to product selection and ...

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a

Technical Guidelines for Cable Tray Installation and

6.3 Fireproof Tray Application Notes Only use fireproof trays for flame containment or isolation, not for

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://benniedesignstudio.co.za>

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

