

New Zealand Cable Tray Materials



AI Overview

Cable trays in New Zealand are commonly made from pre-galvanised steel, hot-dip galvanised steel, and stainless steel, with wire mesh and ladder-style options available for various applications.

Common Materials

- 1. Steel (Pre-Galvanised and Hot-Dip Galvanised)** Steel is widely used for light to medium duty cable trays. Pre-galvanised steel offers a cost-effective solution for indoor installations, while hot-dip galvanised steel provides enhanced corrosion resistance for outdoor or harsh environments. These trays are suitable for offices, educational facilities, healthcare, and social infrastructure projects across New Zealand.
- 2. Stainless Steel** Stainless steel cable trays, particularly T304 or AISI 316 TI grades, are used where high corrosion resistance is required, such as in food processing, chemical, or coastal environments. Wire mesh stainless steel trays allow air circulation to keep cables cool and are resistant to corrosion in natural and food atmospheres.
- 3. Wire Mesh Cable Trays** Wire mesh trays are fabricated from stainless steel rods and are available in various widths (60mm to 600mm) and side wall heights. They are ideal for applications requiring flexibility, easy access, and ventilation for cables. Accessories such as bends, risers, dividers, and mounting brackets are available to support complex layouts.
- 4. Ladder and Solid Bottom Trays** Steel & Tube and other suppliers provide ladder-style trays for heavy-duty applications and solid-bottom trays for environments where dust or debris protection is needed. These trays can be supplied with BIM-enabled CAD files for design integration.

Finishes and Coatings

- Powder Coating or Painted Finishes:** Available for aesthetic or additional corrosion protection.
- Hot-Dip Galvanised:** Recommended for outdoor or high-moisture environments.
- Pre-Galvanised:** Suitable for indoor use with moderate environmental exposure.

Considerations for Selection

- Environment:** Choose stainless steel for corrosive or food-related environments.
- Load and Span:** Steel trays are suitable for...

Article Content

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Cable Trays

Cable Trays Product Categories View all categories Sizing Guide: Consider front and rear cable clearance, as well as equipment exhaust clearance, when choosing a cabinet's depth Width (mm)

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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 equipment, makes it a first choice for Comm solution that works for your

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Electrical Cable Tray | Electrical Cable Tray

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Cable Trays | Mechanical Support Systems New Zealand

Mechanical Support Systems supplies a versatile range of light to medium duty cable trays designed for fast installation and flexible routing across commercial and institutional environments.

Cable Trays

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Wire Mesh Cable Trays & Components

S.E.P are the only NZ company who have built their own machine to manufacturer Stainless steel wire mesh cable trays. Our wire mesh cable trays are fabricated

Cable Trays In New Zealand

Durability, Compliance, Expertise: Our Cable Tray in New Zealand Our perforated cable trays are more than just physical support systems for your cables. They promote air circulation, preventing

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 take-offs from plans through to a

Stainless Steel Wire Mesh Trays

SEP Wire mesh trays have a standard length of 3metres with side walls of 60mm. Manufactured from Grade 304 Stainless Steel or Grade 316 on

Cable Tray — Scott Electrical

Scott Electrical is your local electrical supplies store with an extensive range of products for sale in Auckland and across NZ.

Comparing Electrical Cable Tray Materials-Aluminium,

Aluminium, steel, or plastic? Compare key features of electrical cable tray materials to find perfect match for your building's requirements.

FDG Cable Tray and Other Cable Containment Products

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CABLE TRAY

FDG CABLE TRAY FDG Cable Tray is designed to continuously support cable systems including; Power, Data, and Audio Visual. A quick and easy system to install without the need for

Contact Us

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

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