ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Specifications for High-Quality Anti-corrosion Cable Trays in Vietnam



Overview

Electro-galvanized cable trays have good rust resistance in outdoor environments, and withstand pressure from the impact of nature.

Key Takeaways

Anti-corrosion cable trays in Vietnam are primarily made from galvanized steel, stainless steel, aluminum, or coated with protective layers like hot-dip galvanizing, powder coating, or electro-galvanizing to ensure durability in harsh environments.Materials and Corrosion Protection

1. Galvanized Steel: Hot-dip galvanized steel trays are coated with a zinc layer through immersion in molten zinc, providing excellent protection against rust and corrosion, especially in acidic or industrial environments. The zinc acts as a sacrificial barrier, oxidizing before the steel does, which extends the tray's lifespan and maintains structural integrity ( ). 2. Stainless Steel: Stainless steel trays offer high resistance to corrosion and are ideal for highly aggressive environments, including chemical plants or coastal areas. They are durable, require minimal maintenance, and are suitable for heavy-duty applications ( ). 3. Aluminum: Aluminum trays are lightweight, naturally corrosion-resistant, and suitable for commercial or indoor applications where weight reduction is important. They are also resistant to oxidation and provide long-term durability ( ). 4. Fiberglass: Fiberglass trays are non-metallic and immune to rust, making them suitable for environments with high moisture or chemical exposure ( ).

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Protective Coatings

1. Hot-Dip Galvanizing: This process immerses the entire tray in molten zinc at high temperatures, creating a thick, uniform protective layer. It is highly effective for harsh and acidic environments but can be more expensive due to production costs and specialized equipment ( ). 2. Powder Coating: Powder-coated trays are electrostatically coated with a protective layer that insulates and prevents corrosion. This method is suitable for mechanical, construction, and indoor applications, offering aesthetic finishes and safety for electrical installations ( ). 3. Electro-Galvanizing: Electro-galvanized trays use an electrolytic process to deposit a thin metal layer on the surface. They provide good rust resistance, smooth and uniform surfaces, and are cost-effective for outdoor or moderately corrosive environments. However, they are less suitable for marine or highly acidic conditions ( ).

Design and Features
• Perforated or Ladder Trays: Allow ventilation and prevent cable overheating.

• Solid Bottom Trays: Provide maximum protection for sensitive cables in corrosive environments.

• Customizable Sizes: Manufacturers in Vietnam offer tailored solutions to meet specific load capacities and environmental conditions ( ).
Leading Manufacturers in Vietnam
• Dongkwang Vina: Specializes in ladder trays and accessories for electrical, oil & gas, and construction industries ( ).

• Butraco: Offers perforated, ladder, and solid bottom trays with hot-dip galvanizing, powder coating, and electro-galvanizing options ( ).

• Viet Power Si, Bestray, Nam Phuong NB: Provide a wide range of anti-corrosion cable trays, adhering to international quality standards and suitable for industrial, power generation, and construction projects ( ).
Applications

Anti-corrosion cable trays are widely used in:

• Industrial plants and factories

• Power generation and electrical installations

• Oil & gas facilities

• Commercial and infrastructure projects

• Coastal or high-humidity environments Selecting the appropriate material and coating ensures long-term durability, safety, and compliance with environmental conditions, reducing maintenance costs and extending the service life of cable management systems ( ).

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Article Content

SANFENG ELECTRIC Case Study: Custom Cable Tray System for

Customized Specifications: Provide a mix of trough-type and ladder-type cable trays with custom dimensions, bends, and branch

CABLE TRAY

Electro-galvanized cable trays have good rust resistance in outdoor environments, and withstand pressure from the impact of nature.

Custom Hot-Dip Galvanized Cable Tray Manufacturer, Factory

Discover durable hot-dip galvanized cable trays for superior corrosion resistance and long-lasting performance. Perfect for your

Metal Cable Tray Surface Protection & Coating Specs | SinoRaw

Zinc coating weight thresholds, anti-corrosion dry film thickness, fire retardant ratings, and supplier qualification criteria

Cable Tray Vietnam Trade,Buy Vietnam Direct From Cable Tray

Buy Cable Tray Vietnam Direct From Cable Tray Factories at Alibaba . Help Global Buyers Source Vietnam Easily.

Fiberglass Cable Trays: Essential for Industrial

As a trusted FRP cable tray manufacturer and supplier, The Front delivers durable,

Cable Tray

Hong Thinh design of Cable Ladder is compact and fast to install, with both straight Cable Tray and all accessories having a unique

Specifications of Vietnam FRP Trough Cable Trays

Vietnamese suppliers provide FRP trough cable trays with ISO and CE certifications, ensuring compliance with international quality

Vietnam Energy-Saving Cable Tray Specifications

Explore the top cable tray manufacturers in Vietnam, offering quality products and solutions for industrial, construction, and energy

GRP Cable Trays

Our Cable Tray provide reliable cable support in the most corrosive applications. Both Polyester & Vinyl ester resin systems are

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Corrosion-Resistant Cable Trays Guide

These trays not only organize and protect cables but also ensure long-term reliability. Below, we delve into their key

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous impro-vement policy, Legrand reserves the right to change the specifications and illus-trations

Cable Tray Specification Overview

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

100+ Essential Questions Answered About Cable Trays:

Cable trays, as an important component of modern building electrical systems, play a

Beama Best Practice Guide | Installation Environment | Types of Cable ...

Maintenance against corrosion of cable ladder and cable tray installations is generally impractical. It is vital at the specification stage

Anti-Corrosion Measures for Cable Trays Near Coastal

This article delves into the causes of corrosion in cable trays near coastal regions,

How Fiberglass Cable Trays Cut Installation and

The Front, a trusted fiberglass cable tray supplier in Vietnam, provides high-quality solutions

Cable Trays

Cable Trays - Cable support and management system Founded in 2006, Hengshui Excellent Technology

Cable Tray Materials Standard: Global Compliance Guide

Get a complete guide to cable tray materials standards in China, the U.S., the EU, India,

Cable Trays Market in Vietnam | Report

The Vietnam cable trays market is positioned at the nexus of the nation''s rapid industrialization and ambitious

Full cable tray systems specification document

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

E. ASTM A1008 - Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy and High-Strength Low

Cable Tray Corrosion Protection Guide

This guide provides detailed insights into preventing corrosion and extending the lifespan of cable trays. Why

Corrosion-Resistant Cable Trays Guide

These trays not only organize and protect cables but also ensure long-term reliability. Below, we delve into their key

Galvanized Cable Tray Zinc Coating Standards and

The galvanization process is the primary anti-corrosion treatment for cable trays. The quality

Specifications and dimensions of fiberglass cable trays in Vietnam

In the electrical wiring of structures, a cable tray system is utilized to help protect. Fiberglass cable trays are lightweight, strong,

QCS 2010: Cable Tray Specifications | PDF

Tray components must be accurately formed to tolerances with rounded edges. Cable trays installed in hazardous environments

Epoxy Resin Cable Tray Resist Corrosion

According to the structure, epoxy resin cable trays can be classified into channel type, ladder type, perforated type, large span cable

Stainless Steel Cable Tray

Stainless steel cable trays have anti-corrosion, heat-resistant properties for laying cables in oil, gas, petroleum, tunnels and other

Cable Trays

Cable Trays - Cable support and management system Founded in 2006, Hengshui Excellent Technology Co., Ltd. has many years of

Corrosion-Resistant Cable Trays Guide

These trays not only organize and protect cables but also ensure long-term reliability. Below, we delve into their key

GUIDE CABLE TRAYS TECHNICAL

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

In accordance with its continuous impro-vement policy, Legrand reserves the right to change the specifications and illus-trations

Cable Tray Specification Overview

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

100+ Essential Questions Answered About Cable Trays:

Cable trays, as an important component of modern building electrical systems, play a

Beama Best Practice Guide | Installation Environment | Types of Cable ...

Maintenance against corrosion of cable ladder and cable tray installations is generally impractical. It is vital at the specification stage

Anti-Corrosion Measures for Cable Trays Near Coastal

This article delves into the causes of corrosion in cable trays near coastal regions,

IEC Standard for Cable Tray: Complete Technical Guide

Understanding the IEC Standard for Cable Tray Cable trays play a vital role in supporting

FRP/GRP Cable Trays

The manufacturer of bridge type FRP/GRP Cable Trays, specializing in the production of various specifications of GRP Cable Tray,

How Fiberglass Cable Trays Cut Installation and Maintenance Costs

The Front, a trusted fiberglass cable tray supplier in Vietnam, provides high-quality solutions engineered to withstand

Cable Trays

Cable Trays - Cable support and management system Founded in 2006, Hengshui Excellent Technology Co., Ltd. has many years of

Cable Tray Materials Standard: Global Compliance Guide

Get a complete guide to cable tray materials standards in China, the U.S., the EU, India,

Cable Trays Market in Vietnam | Report

The Vietnam cable trays market is positioned at the nexus of the nation''s rapid industrialization and ambitious

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

SANFENG ELECTRIC Case Study: Custom Cable Tray System for

Customized Specifications: Provide a mix of trough-type and ladder-type cable trays with custom dimensions, bends, and branch

CABLE TRAY

Electro-galvanized cable trays have good rust resistance in outdoor environments, and withstand pressure from the impact of nature.

Custom Hot-Dip Galvanized Cable Tray Manufacturer, Factory

Discover durable hot-dip galvanized cable trays for superior corrosion resistance and long-lasting performance. Perfect for your

Metal Cable Tray Surface Protection & Coating Specs | SinoRaw

Zinc coating weight thresholds, anti-corrosion dry film thickness, fire retardant ratings, and supplier qualification criteria

Cable Tray Vietnam Trade,Buy Vietnam Direct From Cable Tray

Buy Cable Tray Vietnam Direct From Cable Tray Factories at Alibaba . Help Global Buyers Source Vietnam Easily.

Fiberglass Cable Trays: Essential for Industrial

As a trusted FRP cable tray manufacturer and supplier, The Front delivers durable,

Cable Tray

Hong Thinh design of Cable Ladder is compact and fast to install, with both straight Cable Tray and all accessories having a unique

Specifications of Vietnam FRP Trough Cable Trays

Vietnamese suppliers provide FRP trough cable trays with ISO and CE certifications, ensuring compliance with international quality

Vietnam Energy-Saving Cable Tray Specifications

Explore the top cable tray manufacturers in Vietnam, offering quality products and solutions for industrial, construction, and energy

GRP Cable Trays

Our Cable Tray provide reliable cable support in the most corrosive applications. Both Polyester & Vinyl ester resin systems are

SANFENG ELECTRIC Case Study: Custom Cable Tray System for

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Customized Specifications: Provide a mix of trough-type and ladder-type cable trays with custom dimensions, bends, and branch

CABLE TRAY

Electro-galvanized cable trays have good rust resistance in outdoor environments, and withstand pressure from the impact of nature.

Custom Hot-Dip Galvanized Cable Tray Manufacturer, Factory

Discover durable hot-dip galvanized cable trays for superior corrosion resistance and long-lasting performance. Perfect for your

Metal Cable Tray Surface Protection & Coating Specs | SinoRaw

Zinc coating weight thresholds, anti-corrosion dry film thickness, fire retardant ratings, and supplier qualification criteria

Cable Tray Vietnam Trade,Buy Vietnam Direct From Cable Tray

Buy Cable Tray Vietnam Direct From Cable Tray Factories at Alibaba . Help Global Buyers Source Vietnam Easily.

Fiberglass Cable Trays: Essential for Industrial

As a trusted FRP cable tray manufacturer and supplier, The Front delivers durable,

Cable Tray

Hong Thinh design of Cable Ladder is compact and fast to install, with both straight Cable Tray and all accessories having a unique

Specifications of Vietnam FRP Trough Cable Trays

Vietnamese suppliers provide FRP trough cable trays with ISO and CE certifications, ensuring compliance with international quality

Vietnam Energy-Saving Cable Tray Specifications

Explore the top cable tray manufacturers in Vietnam, offering quality products and solutions for industrial, construction, and energy

GRP Cable Trays

Our Cable Tray provide reliable cable support in the most corrosive applications. Both Polyester & Vinyl ester resin systems are

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved