Price of VCI coating for cable trays



Overview

VCI Cable Tray Factory_Manufacture_SupplierVCI cable tray is a cable support system with anti-corrosion performance. The VCI cable tray uses VCI bimetallic.

Key Takeaways

The price of VCI-coated cable trays varies depending on material, size, and supplier, with costs generally higher than standard galvanized trays due to the added corrosion protection. Overview of VCI-Coated Cable TraysVCI (Volatile Corrosion Inhibitor) coatings provide enhanced corrosion resistance for metal cable trays, including steel, stainless steel, and aluminum. The coating forms a protective vapor layer that prevents moisture and oxygen from reaching the metal surface, offering long-term protection against rust, salt spray, and chemical corrosion.

VC

I coatings are non-toxic, environmentally friendly, and can be combined with other organic coatings for additional protection.

Factors Affecting Price

Material Type: Steel cable trays with VCI coating are generally less expensive than stainless steel or aluminum trays with the same coating due to base material costs. Tray Size and Load Capacity: Larger trays or those designed for heavy loads require more material and coating, increasing the price. Coating Technology: Advanced bimetallic VCI coatings with self-repairing and cathodic protection features are more expensive than basic VCI treatments.

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Supplier and Location: Prices vary by manufacturer and region. Suppliers like Shandong Bolt Electrical Equipment Co., Ltd. and Matrix Incorporation offer VCI-coated trays, but pricing is typically provided upon request. Customization: Custom dimensions, perforations, or additional surface treatments can increase costs.

Cost Considerations

While exact prices are not publicly listed, VCI-coated cable trays are generally more expensive than standard galvanized trays, but they offer long-term savings by reducing maintenance, replacement, and corrosion-related failures. For budgeting purposes, it is recommended to contact suppliers directly to obtain quotes based on your specific tray dimensions, material, and coating requirements.

Recommendation

To get an accurate price for your project: Provide tray dimensions, material type, and load requirements to suppliers. Ask for quotes from multiple manufacturers to compare costs. Consider the total lifecycle cost, including reduced maintenance and extended service life, when evaluating VCI-coated trays.

Article Content

VCI Cable Tray Factory_Manufacture_Supplier

VCI cable tray is a cable support system with anti-corrosion performance. The VCI cable tray uses VCI bimetallic coating technology to effectively prevent cable

The latest Technology for Surface Protection of Cable Tray-VCI ...

Under this background, the latest VCI bimetallic coating technology was born, which is especially suitable for long-term outdoor perforated cable tray, which can replace the hot-dip galvanizing

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LADDER CABLE TRAYS

VCI (Volatile Corrosion Inhibitor) coatings are a type of corrosion protection that utilizes chemicals to release vapor into a sealed space, forming a protective layer on metal surfaces and preventing rust

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The Cable Trays Surface Treatment is a crucial factor influencing their durability, corrosion resistance, and visual appeal. In this article, we''ll explore the most common surface

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Vci Enhanced Cable Tray Production Shandong Bolt Electrical Equipment Co., Ltd. will give you a detailed introduction to the content of Vci Enhanced Cable Tray

Vci Enhanced Cable Tray Price Manufacture and Vci Enhanced Cable Tray ...

Vci Enhanced Cable Tray Tray Introduction of the product□VCI coating belongs to metallic coating, and due to the progressive utility of high-performance vapor segment corrosion inhibitor (VCI) technology,

LADDER CABLE TRAYS

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Exporter of LADDER CABLE TRAYS - Marine VCI Coated Ladder Cable Trays, Powder Coated Ladder Cable Tray, Hot Dip Galvanized Ladder Type Cable Trays and Galvanized Ladder Cable Tray

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Cable Trays – Wanco Electric Pte Ltd

Wanco Perforated Steel Cable Trays are constructed using the highest grade of Electro-Galvanised Sheet Steel for Epoxy Powder coating and high grade hot rolled steel for Hot Dipped Galvanised

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

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