

Article Overview

For durable, corrosion-resistant cable management in Qatar, Zinc-Aluminum-Magnesium (ZAM/ZM) cable trays from ICMS, Altura Industries, and Triple M are highly recommended.

Key Features of ZAM/ZM Cable Trays

Zinc-Aluminum-Magnesium cable trays are manufactured from steel with a Zn-Al-Mg alloy coating, offering exceptional corrosion resistance, including protection for cut edges, scratches, and perforations . This coating provides high strength, durability, and long lifecycle economy, making it suitable for harsh environments such as industrial, petrochemical, marine, and solar installations . Optional organic coatings can further enhance performance in aggressive conditions.

Recommended Suppliers in Qatar

- o ICMS (Industrial Cable Management System Co)
 - o Local manufacturer established in 2006, offering complete cable management systems including ladder, tray, and trunking types .
 - o Products meet international standards and are designed for high durability and professional installation.
 - o Metal coating facility in Qatar ensures consistent ZAM/ZM finishes.
- o Altura Industries
 - o Provides BS EN 61537-compliant cable trays with smooth cable pulling and robust support .
 - o Offers GRP/FRP and steel cable trays suitable for corrosive environments, including Zinc-Aluminum-Magnesium coated options.
 - o Located in Doha, Qatar, with competitive pricing for MEP contractors.
- o Triple M Qatar
 - o Supplies pre-galvanized, hot-dip galvanized, stainless steel, aluminum, and ZAM/ZM cable trays .
 - o Offers a range of light to very heavy-duty trays with thicknesses from 1.0 mm to 2.0 mm and side heights from 50 mm to 100 mm.
 - o Focuses on fast installation, cost efficiency, and compliance with NEMA standards.

Tray Types and Applications

- o Ladder-type trays: Ideal for heavy-duty industrial cabling and easy ventilation.
- o Tray-type (solid-bottom): Suitable for sensitive cables requiring protection from dust or debris.
- o Channel-type trays: Compact solutions for smaller installations or tight spaces .

Advantages of ZAM/ZM Cable Trays

- o Superior corrosion protection compared to hot-dip galvanized steel .
- o Reduced lead times due to elimination of post-galvanizing processes .
- o Environmentally friendly with lower CO2 emissions during production .
- o Versatile applications across construction, infrastructure, solar, and agricultural projects . For projects in Qatar requiring high-spec, durable, and corrosion-resistant cable management, selecting ZAM/ZM cable trays from these suppliers ensures compliance with international standards, long-term reliability, and efficient installation.

What is Zinc Magnesium Cable Tray? A new generation of metal coating technology is beginning to change the

A corrosion-resistant cable support system manufactured from steel substrate with advanced Zn-Al-Mg alloy coating.

ICMS was established in 2006, as the first local manufacturer of the complete cable management systems, fittings, and support,

These cables could be both overhead and under-ground. There are a variety of cable trays available in different materials. CABLE

We have supplied cable management systems to various prestigious projects in Qatar, including Qatar Rail Network, Hamad

SWIFTS CABLE TRAY ZINC MAGNESIUM (ZM) As well as being available in traditional pre-galvanised (PG), hot dip galvanised (G)

Cable Tray Materials: Most cable tray systems are fabricated from a corrosion-resistant metal (low-carbon steel, stainless steel or an

Most cable tray systems are fabricated from a corrosion-resistant metal (low-carbon steel, stainless steel or an aluminium alloy) or

Altair cable trays offer a high degree of flexibility, both from a perspective of locating the component parts to accessing the cable

Eaton

ZAM is a mill-applied metallic coating combining zinc, aluminum (11%), and magnesium (3%)

ServeGas is a trusted supplier in Qatar that provides industry-leading cable & cable tray solutions, enabling efficient cable management.

Altura Industries offers wide range of GRP, FRP Cable Trays & Ladders, and supplies in Qatar from various sizes, enquire GRP/FRP

Legrand now offers a new finish for its Cablofil range of steel wire cable trays and accessories. The new zinc aluminium finish

There are many types of materials and finishings used to manufacture a Cable Tray. Hutaib Electricals, Cable Tray

Our market-leading cable tray system is now available in ZM (Zinc Magnesium), as well as existing finishes (pre-galvanized, hot-dip

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