

Article Overview

Zinc-Aluminum-Magnesium (ZAM) cable trays in Nigeria are available in ladder, tray, and channel types, offering high corrosion resistance, durability, and efficient installation for industrial and commercial projects.

Overview of ZAM Cable Trays

ZAM cable trays are manufactured from steel with a Zinc-Aluminum-Magnesium alloy coating, providing exceptional corrosion resistance, high strength, and long service life . The coating forms a dense protective film over the steel, including cut edges and perforations, making it ideal for harsh environments and outdoor installations . Optional organic coatings can further enhance performance.

Common Models and Configurations

- o Ladder-Type Cable Trays: Designed for heavy-duty applications, allowing excellent ventilation for power and communication cables. Suitable for industrial plants, data centers, and energy projects .
- o Tray-Type Cable Trays: Solid or perforated bottom trays that provide robust support for medium to heavy cable loads, often used in commercial buildings and infrastructure projects .
- o Channel-Type Cable Trays: Compact and versatile, ideal for smaller cable runs or areas with limited space .
- o Accessories: Bends, tees, covers, clamps, and supports are available to ensure easy installation and flexibility in routing .

Nigerian Suppliers and Availability

- o Ned-Tech: Offers a wide range of cable trays, including perforated, ladder, and solid-bottom types, with distribution across Nigeria and West Africa. They provide technical support, fast delivery, and competitive pricing for both small and large projects .
- o Local Manufacturers: Some Nigerian-made galvanized cable trays are available in standard sizes (e.g., 300mm x 50mm by 2.5 meters), designed for strength, stackability, and quick installation .

Advantages of ZAM Cable Trays

- o Corrosion Resistance: Superior to traditional galvanized steel, suitable for coastal and industrial environments .
- o Durability and Strength: Supports heavy cable loads while remaining lightweight for easier handling .
- o Installation Efficiency: Pre-fabricated bends and accessories reduce installation time and labor costs .
- o Lifecycle Economy: Long-lasting performance reduces maintenance and replacement costs .

Applications



Nigerian Zinc-Aluminum-Magnesium Cable Tray Models

ZAM cable trays are widely used in:

- o Industrial and manufacturing facilities
 - o Data centers and ICT infrastructure
 - o Energy and utility projects, including substations and renewable energy installations
 - o Commercial and government buildings, hospitals, and schools
- For Nigerian projects, ZAM cable trays provide a reliable, corrosion-resistant, and cost-effective solution for cable management, with multiple models and accessories to suit diverse installation requirements.

With its excellent corrosion resistance, weather resistance, strength and lightness, it has

Nigeria Aluminum Cable Tray Directory provides list of Made in Nigeria Aluminum Cable Tray Products supplied by reliable Nigeria

What is Zinc Magnesium? ZM is a metallic coating applied to steel which is made up of a chemical composition which includes Zinc,

The company's main products include wire mesh cable trays, trough cable trays, trapezoidal cable trays, cable trays, large-span

Now in stock at Electrical Wholesale Services Ltd - the Unitrunk Zinc & Magnesium (ZM) Cable Tray in heavy and

Galvanized Cable Tray Zinc-Aluminum-Magnesium Cable Tray Hot-Dip Galvanized Cable Tray Aluminum Alloy Cable Tray Stainless

Eaton

XP605tlG XP055tlH XP105tlH 0XP155tlH XP205tlH XP305tlH XP455tlH XP605tlH Alu Zinc & Magnesium AISI 304 AISI 316 AISI 316

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations

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



Nigerian Zinc-Aluminum-Magnesium Cable Tray Models

Nigeria Cable Tray Products supplied by reliable Nigerian Cable Tray Manufacturers and Cable Tray Suppliers - Made in Nigeria

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

Cable Tray We are the Best Cable Tray Manufacturer, Wholesaler and Supplier in Nigeria Cable Tray We supply cable trays of the

Robust and aesthetically smooth cable trays for the routing and protection of power, data and control cables. Wibe Cable Trays offer

ZM FINISH ADDED TO CABLE TRAY RANGE Our market-leading cable tray system is now available in ZM (Zinc Magnesium), as

3.Versatile: Choose between perforated or ventilated types to best suit your cable management needs, increasing system efficiency

Web: <https://morwarreconst.co.za>

