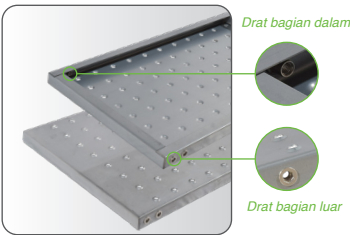
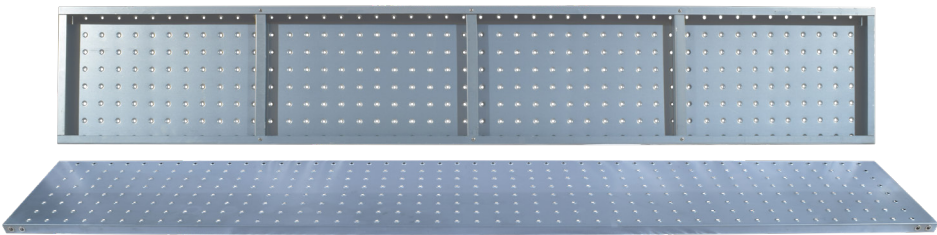




Zinc Aluminum Magnesium
MIBET ZAM Walkway



PRODUCT OVERVIEW

The MIBET ZAM™ Steel Walkway System is engineered specifically for commercial, industrial, and utility-scale rooftop solar PV installations. Fabricated using world-class Zinc-Aluminum-Magnesium (ZAM™) alloy-coated steel, this premium structural access path offers next-generation safety, exceptional loading capacity, and a drastically extended operational lifespan. It acts as a vital utility shield—safeguarding brittle rooftop membranes from foot traffic while granting technicians secure, anti-slip access for ongoing PV panel maintenance and inspections

SPECIFICATION

Material Base	: High-strength structural carbon steel
Coating Type	: Hot-dip ZAM Alloy
Standard Compliance	: Meets ASTM A1046/A1046M Type 1 manufacturing rules
System Compatibility	: Seamlessly integrates with all rails, L-feet, and clamps
Length	: 2400mm or custom length

USE CASES

- Rooftop photovoltaic (solar panel) maintenance access pathways.
- Industrial and commercial rooftop walkways and safety platforms.

FEATURES

Advanced Material & Engineering Benefits with Double the Rust Resistance

The Zn-Al-Mg metallic matrix provides barrier protection that is twice as corrosion-resistant as traditional hot-dip galvanized (HDG) steel. It thrives in severe C3 to C5 coastal, humid, or heavily polluted chemical environments.

Revolutionary "Self-Healing" Edges

Say goodbye to post-fabrication touch-ups. When the walkway is cut, drilled, or scratched on-site, the magnesium and aluminum ions migrate to form a dense, tight chemical film over the exposed steel edge. This natural mechanism actively suppresses the spread of red rust.

Optimized Strength-to-Weight Ratio

Despite being inherently lightweight to minimize structural stress on industrial rooftops, the architectural profile boasts an exceptionally high load capacity. It will not sag, warp, or crack under intense weather conditions or concentrated human weight.

True Rapid Plug-and-Play Installation

Engineered for rapid deployment, most modular sub-components come pre-assembled directly from the factory. No hot-work, welding, or specialized onsite cutting is required. Technicians simply drop the platform in place and lock it down securely using standard MIBET roof attachments.

Comprehensive System Component Guide

- ZAM Walkway Mesh Planks: Perforated, anti-slip walking surface optimized for water drainage and high wind-permeability.
- Support Rails & Brackets: Heavy-duty structural ZAM framing configured for parallel metal roofs or tilted concrete bases.
- System Fixings & End Clamps: Specialized stainless steel or matching alloy fasteners designed to integrate perfectly with existing solar racking arrays.