



Key Features

Up to 100-Ton Load Capacity

Selected models support loads up to 100 tons under proper ground conditions.

Custom Sizes & Thicknesses Available

Thickness 10–30mm; formats up to 6000 × 2000mm.

Engineered Surface Patterns

Designed to improve grip, traction, and ground stability.

Custom Colors & Logo Engraving

Multiple standard/custom colors with permanent logo engraving.

High-Performance Recyclable HDPE

100% recyclable material with excellent impact resistance, durability, and weather performance.

Key Application

Construction Sites

Stable access on soft/uneven terrain

Temporary Roads

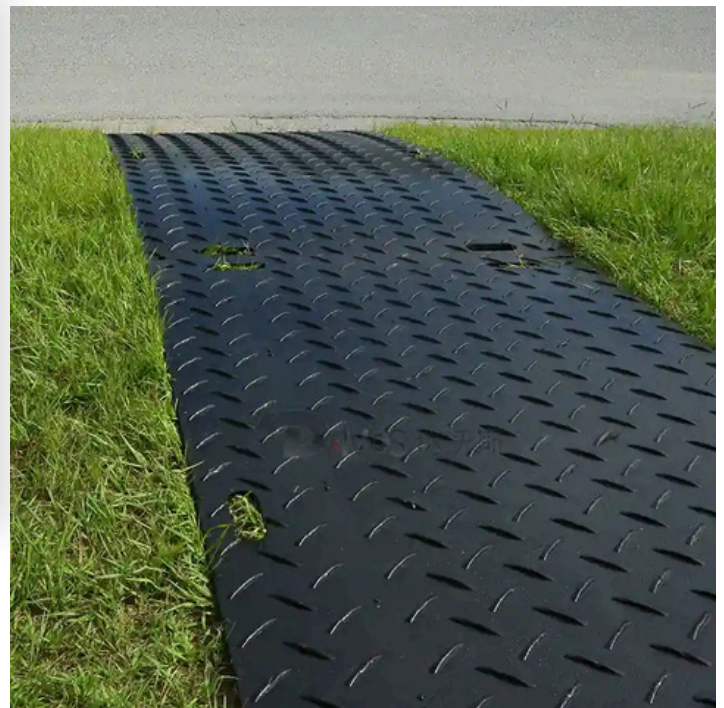
Durable paths for heavy machinery.

Event Access Flooring

Protect grass/grounds at outdoor events.

Utility & Pipeline

Safe vehicle movement in remote areas.



Landscaping/Parks

Preserve soil during maintenance.

Emergency Access

Rapid deployment for rescue vehicles.

Event Access Flooring

Safeguard forest floors.

Product Data Sheet

MODEL	LENGTH	WIDTH	THICKNESS	WEIGHT	MAX LOAD	Qty/40 ft
RR-GM-2000x1000-10.0	2000 mm / 6.5 ft	1000 mm / 3.3 ft	10 mm / 0.4 in	22.6 Kg / 50 lbs	40 tons	900
RR-GM-2440x610-12.7	2440 mm / 8 ft	610 mm / 2 ft	12.7 mm / 0.5 in	10.4 Kg / 23 lbs	45 tons	1000
RR-GM-2440x1220-12.7	2440 mm / 8 ft	1220 mm / 4 ft	12.7 mm / 0.5 in	41.7 Kg / 92 lbs	80 tons	550
RR-GM-1820x910-12.7	1820 mm / 6 ft	910 mm / 3 ft	12.7 mm / 0.5 in	23 Kg / 51 lbs	80 tons	600
RR-GM-3000x1500-20.0	3000 mm / 9.8 ft	1500 mm / 4.9 ft	20 mm / 0.8 in	73.3 Kg / 162 lbs	100 tons	320

- Load ratings are provided as reference values under firm, dry, level, and stable ground conditions. Actual performance may vary depending on ground conditions, load distribution, equipment type, and operating environment.
- Other sizes and thicknesses are available upon request.

Quality Assurance

- Incoming raw material inspection.
- Dimensional verification during production.
- Pre-shipment inspection and verification support.
- Material test reports available upon request.
- Third-party testing services such as SGS available if required.
- Custom quality control support for project requirements.

Connectors



**Galvanized Steel
4-Way & 2-Way**

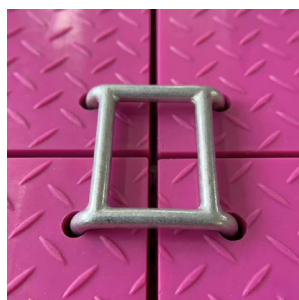


Wire 4-Way Connector

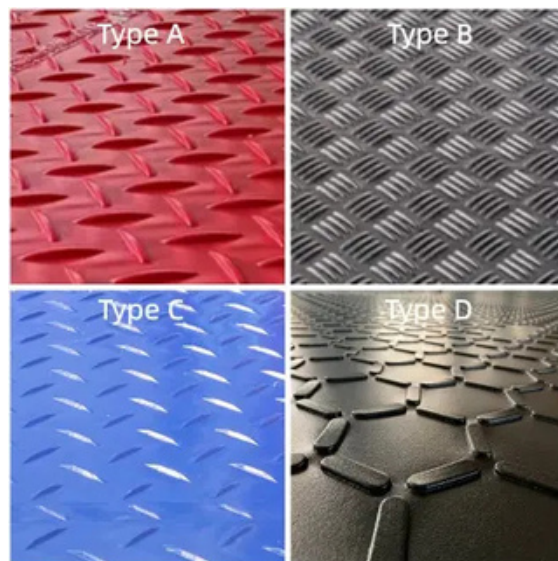


**Bolt-On Plate Connector
4-Way&2-Way**

Ground Mat Connectors — Examples of installed connector systems.



Surface Pattern Options



Different surface textures are available for various traction requirements.