

Premium heavy-duty roadway panels with integrated overlap system for maximum load performance

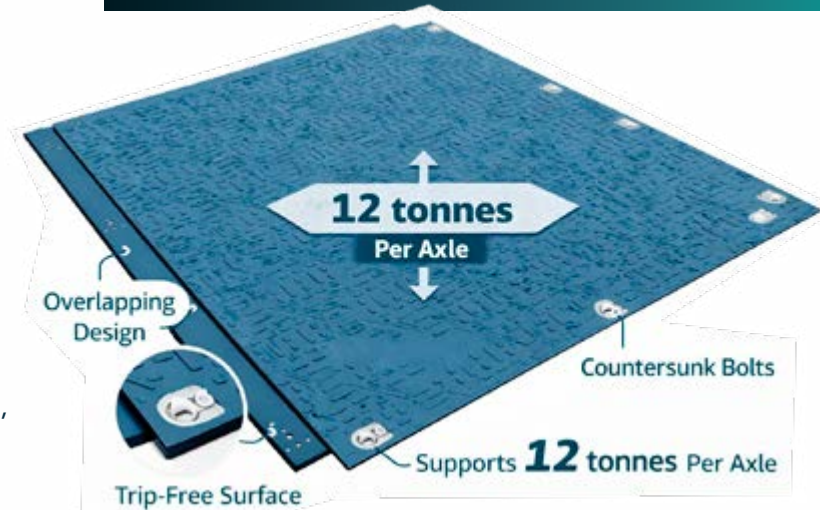
Notus HD Overlap is a premium ground protection system engineered for high load applications where stability, durability and performance are critical. Featuring an integrated overlap design, the panels distribute loads efficiently across adjoining mats, reducing deflection and maintaining a stable working surface under extreme pressure.

Manufactured from high performance recycled thermoplastic, the panels are chemically inert, UV protected and resistant to oil and contaminants. Their flexible yet robust construction allows them to follow ground contours without the need for ground preparation, enabling fast deployment across a wide range of site conditions.

Designed for demanding environments, **Notus HD Overlap** provides safe and reliable access for vehicles, equipment and personnel, with high traction surfaces suitable for tyres, steel tracks and pedestrian use.

Typical Applications

- Heavy plant and machinery access
- Crane pads and lifting operations
- Temporary roadways on soft or unstable ground
- Site compounds and working platforms
- Utilities and civil engineering works
- High traffic access routes
- Environmentally sensitive or heritage sites



Key Features

- Integrated overlap system for enhanced load distribution
- Minimises deflection under heavy loads
- Supports vehicles and equipment in excess of 150 tonnes*
- High performance traction surface for tyres, tracks and foot traffic
- Steel reinforced connection points for maximum durability
- Fast installation using orthogonal panel layout
- Connects using standard M16 bolt system
- No ground preparation required
- Flexible design follows ground contours
- Resistant to chemicals, oil and environmental exposure
- UV protected for long term outdoor use
- Will not absorb water or contaminants
- Easy to clean and maintain
- Manufactured from 100% recyclable material
- Optional RFID or GPS tracking capability

Technical Specifications

- Overall Dimensions **3000 mm x 2500 mm**
- Thickness **Total: 46 mm | Core: 38 mm**
- Usable Surface Area: **Approx. 6.7 m²**
- Weight: **265 kg**
- Transport / Shipping: **40' high cube container: 66 mats**
Standard EU truck: 84 mats
- Load Bearing Capacity: **Suitable for loads in excess of 150 tonnes***

* Load capacity is dependent on ground conditions and installation method.

Material Properties

- Material: **High performance recycled thermoplastic**
- Construction: **One piece compression moulded panel**
- Performance: **Chemically inert, oil resistant UV protected**
- Durability: **Will not absorb water or contaminants. Resistant to puncture and wear**
- Sustainability **100% recyclable at end of life**

About Notus Ground Safe

Notus Ground Safe provides high performance ground protection systems designed to support vehicles, machinery and personnel while protecting the ground beneath. Our solutions are trusted across construction, infrastructure, utilities and events where safety, access and environmental protection are essential.

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