

DuraDeck 2 Information Sheet

DuraDeck 2 dual use 2 sided, rugged and pedestrian. Use for parking areas, construction site walkways, concerts, and other uses where people are expected to walk on the DuraDeck regularly

DuraDeck 2 Mat



DuraDeck Specifications

Material: Black High-Density Polyethylene (HDPE) plastic, naturally UV resistant due to the carbon black used for colour. Beige UV-stabilized mats available.

Size: 2440mm x 1220mm x 12.7mm + 12mm cleat

Weight: 39.1kg

Loading: up to 80tons/m² on solid sub surface

Working Temperature: -50 - +80 C

Fire Rating: UL 94HB

Fire Fighting Measures: water, foam, carbon dioxide, dry powder.

Sensitization: Polyethylene is not considered to be a skin sensitizer, Does not promote chronic toxicity or carcinogenicity.

Disposal: 100% can be recycled

Waste Code: 070213 (waste plastics)
120105 (plastic shavings / turnings)

Pallet Max: 30 units



DuraDeck Standard Link



DuraDeck HD Link

Installation

DuraDeck mats are designed to be used with no ground preparation over grass, gravel, soil, concrete, asphalt, mud and sandy soil conditions. Not intended for bridging.

Connecting Individual DuraDeck Modules

DuraDeck mats have eight holes (in each corner and in the center line) to create multi-directional roadways or nearly any size or shape. Mats can be connected using metal DuraLink connectors. DuraLinks do not require tools to install.

Standard DuraLink connectors are made from 19mm x 6.35mm flat steel and are available in two-way and four-way styles, depending on your application.

Links can be used to connect adjacent mats end-to-end or at intersecting corners, and allow you freedom to design continuous trackways or work pads of unlimited size and shape.

Links improve the rigidity and stability of assembled mats and are ideal for longer duration projects or sites in soft or muddy conditions.

DuraLink HD heavy duty connection plates are ideal for longer term installations where heavy lorries or equipment will need to be moved across soft or muddy ground.

The Double DuraLink HD is a 17.8cm x 17.8cm x 0.6cm steel plate with four heavy duty threaded steel studs inset and welded at all four corners.

The Single DuraLink HD measure 17.8cm x 5cm x 0.6cm and features two threaded studs. The studs pass through the holes in the perimeter of each DuraDeck mats and are secured to the plates with standard flanged wheel nuts.

Use DuraLink HD to support very heavy rolling loads, when the mats will be used for long term applications, or when the existing surface is especially soft or uneven.



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Cleaning

Care should be taken to ensure that the surface of the mats is kept clear of any debris that could damage them. No specialist equipment is required to clean surface debris from DuraDeck Lite mats. Where necessary mats can be cleaned using cold water and a pressure washer.

Mat Connections

When the mats are in use it is essential that adjacent mats are properly secured together using the appropriate connectors for the ground conditions.

Failure to connect the mats will result in damage to the mats and the underlying surface. It is recommended that a competent person periodically checks the bolted connections between the mats during use to ensure that the connections are sound.

Speed Limit

DuraDeck mats are designed to give safe movement, ground access and protection for plant and vehicles moving over the mats at a **MAXIMUM SPEED OF 5 MPH**.

This is a strict speed limit which must be observed at all times. Failure to adhere to this limit may result in damage to both the mats and / or the mat connectors.

Tracked vehicles

To avoid damage to the surface of the DuraDeck mats, it is recommended that steel tracked vehicles with aggressive tracks (such as on excavators) should not be driven over them. Rubber tracked vehicles may be used.

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