

DURADECK®

LIGHT-DUTY COMPOSITE MATS



FIELD MANUAL

**INSTRUCTIONS FOR USE AND MAINTENANCE OF
YOUR DURADECK® MATTING SYSTEM**



GROUND PREPARATION

Little or no ground preparation is required prior to installation of DuraDeck™, but areas must be relatively level and large rocks or obstacles must be removed. DuraDeck can be used on mud, grass, sand and other surfaces, but weight-loading capacities will be reduced on softer surfaces, geotextiles may be used on very soft surfaces to help distribute weight and provide additional support and weight loading. DuraDeck is not a bridging material and should never be used to cross or span large gaps, gullies or chasms.

MATERIAL STAGING

It is recommended that pallets of DuraDeck be staged as close to the area of operation to minimize the amount and distance of manual transport. It is possible to transport DuraDeck using forklifts, removing each sheet and placing it into position, creating a roadway over which the forklift can then move further sheets to be installed.

INSTALLING A SINGLE* DURALINK

1. Lay one mat flat on the ground. Insert the short end of a single DuraLink down through each corner hole on the narrow end. Slide the ends of each DuraLink under the mat with one end attached and one unattached.
2. Tip a second mat on its side and slide the unattached end of each DuraLink through corresponding holes on the tipped mats. Lay the second mat down flat, end-to-end with first mat. You now have two mats connected together with two single DuraLinks, 4' end-to-end, to form a track 16' long (you also can connect the mats side to side if you want a wider track, using the same procedure).
3. Repeat step two to make a track of unlimited length.

* Single links connect two mats together end-to-end or side-to-side.

** Double links connect four mats together at the common corner.

SPECIFICATIONS

Module Size

4'W x 8'L x 1/2"H (244cm x 122cm x 1.27cm).
Other sizes available

Material

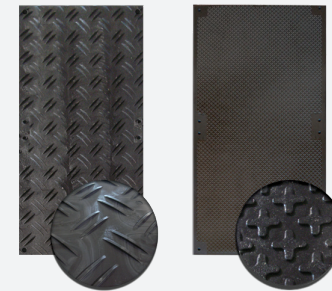
Black High-Density Polyethylene (HDPE) post-industrial recycled plastic, naturally UV resistant due to the carbon black used for color. Beige mats also available.

Weight

86 lbs (39.01kg) per mat – 2.69 lbs sq/ft
(12.97 kg sq/meter)

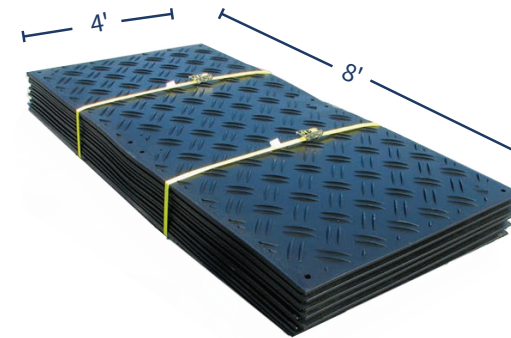
Weight Load

Up to 80 tons depending on sub-surface



INSTALLING A DOUBLE** DURALINK

1. Lay two mats flat on the ground side by side. Insert the short ends of a double DuraLink into the corresponding corner holes. Insert short ends of single DuraLinks in the outside edges. Slide ends of the double and single DuraLinks under the mat.
2. Tip the two mats on their sides, side-by-side and slide the other ends of double DuraLinks and the two single DuraLinks through corresponding holes on the tipped mats. Lay both mats down flat, end-to-end with first mats. You now have four mats connected together at the common corners, in the center, and at the outside corners to form a working area.
3. Repeat step two to make a track of unlimited length and width.



500 DuraDeck sheets can be loaded in a standard US tractor trailer or 40ft ocean container

DISASSEMBLING A DURADECK FLOOR

To disassemble a DuraDeck floor with DuraLinks, simply tip the outermost sheet of DuraDeck on its side, releasing the DuraLink, and slide the tipped sheet away from the adjacent sheet. Remove the DuraLink from the adjacent mat by tipping it sideways and sliding out. Repeat as necessary.

TRANSPORT, STORAGE AND MAINTENANCE

DuraDeck requires little maintenance and can be transported compactly. Clean DuraDeck sections using standard cleaning fluids and a hard bristle brush. Alternatively, a pressure washer may be used for deeper cleaning. Sections may be stacked on pallets (suggested 25 mats per pallet), banded and transported together using a forklift. DuraDeck may be stored indoors or outdoors and may be stacked as high as can be safely accommodated.

* Single links connect two mats together end-to-end or side-to-side.

** Double links connect four mats together at the common corner.

