

# DuraDeck®

ACCESS MATTING SYSTEMS



**GROUND PROTECTION | PORTABLE ROADWAYS | TEMPORARY FLOORING**



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[www.duradeckmats.com](http://www.duradeckmats.com)



- Saves time - keeps vehicles moving
- Saves money - protects your vehicles & equipment
- Protects your crew
- Protects the environment

Unique double-traction tread pattern prevents spin out

## ABOUT

# DuraDeck®

### DuraDeck Mats are ideal for:

- Parks / Golf Courses
  - Arborists / Tree Care Specialists
  - Construction
  - Cemeteries
  - Staging Companies
  - Well Water Drillers
  - Drilling Contractors
  - Disaster Relief Efforts
  - Road Construction
  - Mining
  - Exploration
  - Utilities
  - Landscapers
  - Mobile Homes
  - Heavy Haul projects
  - Special Events
  - Structural Movers
  - Construction Companies
  - Modular Office Trailers
- ...Anywhere access or ground protection is required



DuraDeck® access mats protect your expensive turf and provide access and traction over sand, mud, and other challenging surfaces and terrain. DuraDeck mats may be used to create temporary roadways for vehicles, trucks, and

equipment or large work pads for drilling, administrative compounds and many other industrial applications.

DuraDeck is a unique molded plastic mat that is durable, lightweight, flexible and extremely strong. Sections are engineered to provide ground protection and access over soft surfaces and to provide a firm support base and traction for numerous activities. DuraDeck mats can be carried by 1-2 persons and positioned easily as required on a job site. No tools are required for installation or removal.

Use DuraDeck mats to get heavy work equipment into a job site, while protecting the ground and your turf. DuraDeck virtually eliminates rutting, soil compaction, and other damage to sensitive grass and turf. It has been used to provide access for trailers up to 80 tons, over grassy fields and other soft surfaces. Traverse equipment easily over sand, mud, snow and grass surfaces, even on gently sloping areas. DuraDeck also protects the equipment from undue wear – greatly reducing wear on drivelines and frames that are oftentimes stressed when operating on unstable and harsh ground conditions. You'll save on labor costs and increase worker safety by not having workers struggle with vehicles and equipment bogged down in mud or unstable ground conditions.

Signature offers two unique and proven tread patterns – a superior traction surface for industrial applications, and a pedestrian-friendly tread pattern for pedestrian access and work pads.

### BEFORE



Protects personnel, vehicles and equipment



### AFTER



Provides stable access over the most challenging terrain



Protects sensitive surfaces

## DURADECK® MATS OFFER SUPERIOR BENEFITS:

- Protects valuable turf during landscaping projects
- Creates an instant roadway, pedestrian pathway or work pad over virtually any type of terrain – mud, sand, marshy, uneven or soft terrain
- Superior alternative to plywood and fiberglass - will not warp, rot, crack or delaminate
- Save time & labor getting vehicles and equipment traversed over difficult terrain
- Avoids potential injuries to workers and costly project delays incurred while dislodging vehicles & equipment from mud
- Protects vehicles & equipment from excessive wear and damage due to operating on unstable ground conditions
- Reduces cross-contamination problems associated with plywood sheets
- Reduces post-project site remediation and clean-up
- Supports weights up to 80 tons
- Can be used hundreds of times
- Guaranteed for 7 years
- Available for Sale or Rental
- Made in the U.S.A. – ships worldwide

## The Global Leader in Composite Matting

Signature Systems Group is the world's largest manufacturer of modular flooring and roadway systems for access, ground protection, and facility beautification. Our fencing division manufactures temporary event fencing and barricades for all types of facilities and functions.

All of our systems are proudly manufactured to the strictest quality standards and are designed to handle the rigors of regular and repeated use. Our extended warranties cover all of our products, giving you the peace of mind that your long term needs will always be met.

Most importantly, we believe that you, our customer, is paramount to our success. We encourage you to provide feedback about your experience and we pledge to continue to improve our service to you, our most important asset.

We offer our products worldwide both directly and through a network of qualified dealers, distributors, and agents.







# PRODUCTS

DuraDeck® mats are manufactured to the highest standard – using super-strong, high-density polyethylene plastic (HDPE). Each panel is constructed from a solid sheet of molded material, providing greater strength and shear resistance than layered, hollow, or laminated systems. There are no weak spots to break, chip, or separate. DuraDeck mats are chemical- and weather-resistant and contain a UV additive to prevent damage and deterioration from exposure to the sun. Each DuraDeck panel has a unique integrated tread pattern molded onto both sides, providing traction and stability for nearly any type of equipment, cranes, vehicles, and pedestrians. Place DuraDeck over marshy terrain, mud, sand, and other soft surfaces for access, traction, and ground protection.

# FEATURES

- DURABLE PLASTIC CONSTRUCTION**  
Each 86-pound DuraDeck sheet is molded using a specially formulated high-density polyethylene (HDPE) that makes the product extraordinarily strong, chemical- and weather-resistant, and able to withstand the rigors of industrial use. UV inhibitors prevent fading or degradation. Sections are rigid - yet have some flex - allowing sections to withstand heavy moving weights without cracking or breaking.
- CONVENIENT SIZE**  
Standard DuraDeck mats are 4ft x 8ft and are ½” thick at the center, with added tread patterns for superior traction and slip resistance. Up to 500 sheets can be transported on a standard tractor trailer or ocean shipping container and sections will fit inside the bay of most pick-up trucks. Pallets can be double and triple stacked as needed.
- HANDLES HEAVY WEIGHTS**  
Depending on the ground surface and the density of the sub-surface, DuraDeck can be used to provide access for vehicles and equipment weighing up to 80 tons.
- OUTPERFORMS WOOD AND OTHER SYSTEMS**  
Unlike plywood, DuraDeck will not warp, rot, crack, or delaminate, and contains no unsafe chemicals. Our panels meet all local requirements limiting the use of arsenic-treated plywood on construction sites and for roadway and access use.
- MADE OF RECYCLED PLASTIC**  
All DuraDeck products are manufactured using partially recycled plastic material and as such do their part in helping the environment.



- AVAILABLE IN DIFFERENT COLORS**  
Depending on the mat size, DuraDeck may be ordered in black, beige or white (custom colors are available for larger orders). For grass protection in warm weather environments, we recommend using beige or white mats to prevent browning and overheating of the grass below.
- CHOICE OF CONNECTION SYSTEM**  
Each mat has connection holes at each corner and in the middle of the 8ft side, allowing mats to be connected side-by-side or at 90-degree angles to each other. DuraDeck can be loose-laid without connecting panels for quick access and removal, or choose a connection system (see *Accessories*) to suit your application.

# DD1 DOUBLE-SIDED | RUGGED-TRACTION SURFACE



## Use DD1 for Vehicles

DD1 is our most popular DuraDeck product. It consists of a rugged traction design on both sides, making it ideal for heavy equipment usage in difficult conditions. DuraDeck’s unique traction pattern prevents “spin out” in wet or slippery conditions.

Use DD1 on construction sites, drilling sites, landscaping projects, dredging sites, and anywhere a heavy-duty mat is required for access, ground protection and equipment storage.

Standard DD1 mats are 4ft x 8ft long. Sections are ½” thick at the core (not including tread pattern height). DD1 contains 4 connection holes, one at each corner, and 4 additional connection holes (2 each at the center of the 8ft side). These allow panels to be connected in either direction and to be rotated at 90-degree angles as required. DD1 mats are available in several sizes.

Use our DuraLink™ connectors with DD1 panels to create contiguous and connected runs of material for roadways or work pads. DD1 can be stored on your own pallets, or on our specialized metal pallets. See *DuraDeck Accessories* for more information.

MODEL	COLOR	SIZE	WEIGHT	RECOMMENDED FOR WEIGHTS
DD1-B	Black	4ft x 8ft	86 lbs/39 kg	19+ Ton
DD1-BEIGE	Beige	4ft x 8ft	86 lbs/39 kg	19+ Ton
DD1-B	Black	3ft x 8ft	65.5 lbs/29.8 kg	+18 Ton
DD1-BEIGE	Beige	3ft x 8ft	65.5 lbs/29.8 kg	+18 Ton
DD1-B	Black	3ft x 6ft	48.42 lbs/ 22 kg	+8 Ton
DD1-BEIGE	Beige	3ft x 6ft	48.42 lbs/ 22 kg	+8 Ton
DD1-B	Black	2ft x 8ft	43 lbs/ 19.5 kg	+8 Ton
DD1-BEIGE	Beige	2ft x 8ft	43 lbs/ 19.5 kg	+8 Ton



# DD2 RUGGED-TRACTION SURFACE & PEDESTRIAN-FRIENDLY SURFACE



## Use DD2 for Vehicles/Pedestrians

DD2 is suitable for applications where pedestrians can be found, yet where a rugged tread design is also needed. Each DD2 consists of a pedestrian-friendly, non-slip tread design on one side and our standard rugged-traction design on the other. Sections are reversible and can be used with either side face up.

Use DD2 for parking areas, construction site walkways, outdoor concerts/festivals, and other uses with heavy pedestrian traffic.

The DD2 pedestrian-friendly surface is also perfect for protection of concrete, asphalt, stone or aggregate surfaces – where the rugged pattern may be too aggressive and could potentially cause damage. The pedestrian-friendly design may be placed face down on such surfaces to provide protection.

Standard DD2 mats are 4ft x 8ft long. Sections are ½” thick at the core, not including tread pattern height. DD2 contains 4 connection holes, one at each corner, and 4 additional connection holes (2 each at the center of the 8ft side). These allow panels to be connected in either direction and to be rotated at 90-degree angles as required. DD2 mats are also available in several sizes.

MODEL	COLOR	SIZE	WEIGHT	RECOMMENDED FOR WEIGHTS
DD2-B	Black	4ft x 8ft	86 lbs/39 kg	19+ Ton
DD2-BEIGE	Beige	4ft x 8ft	86 lbs/39 kg	19+ Ton
DD2-B	Black	2ft x 8ft	43 lbs/ 19.5 kg	+8 Ton
DD2-BEIGE	Beige	2ft x 8ft	43 lbs/ 19.5 kg	+8 Ton

DD2 4ft x 8ft is also available in white. Please contact us.

Use our DuraLink connectors with DD2 panels to create contiguous and connected runs of material for roadways or work pads. DD2 can be stored on your own pallets or on our specialized metal pallets. See *DuraDeck Accessories* for more information.





WORLDWIDE RENTALS

For one-time projects that are limited in duration and scope, we offer nationwide DuraDeck rentals at reasonable weekly and monthly rates. We maintain a large stock of DuraDeck mats and offer rentals worldwide. Whether you require an instant portable roadway for vehicle access at an event or a long-term roadway for a construction site, or anything in between, Signature is ready to meet your requirements.

We offer turnkey installations – including all transportation, labor, and supervisory services – or can provide you with mats that you install on your own. From simple narrow roadways to multiple lane roadways and extended work pads our DuraDeck system is available for both long- and short-term rentals.

SOME OF OUR RENTAL CUSTOMERS...

- 2012 Summer Olympics
- 2009 Presidential Inauguration
- Smithsonian Museum
- National Mall
- Purdue University
- US Army Corp of Engineers
- Fashion Week - New York City
- US Open Tennis Tournament
- Warner Brothers
- Walt Disney World Productions
- CBS Sports
- Ellen Degeneres Show in Central Park
- National Park Service – Washington Monument

...and many more!

Contact Our Rental Team  
800.709.8151 or +1 212.953.9123

24/7 Emergency Requests  
+1 917.804.0324



DURADECK® ACCESSORIES



**DURALINK™ HD STEEL PLATES**  
DuraLink HD is a 1/4"-thick steel plate that locks mat together securely. These plates are designed for long-term installations with heavy-duty requirements.



**DURALINK™ METAL LINKS**  
DuraLink metal links connect 2 mats together end-to-end, or 4 mats together at an intersection. Large continuous roadways can be created easily for work pad extensions or turning areas can be added of any size.

**DURAHOOK™ DRAG HOOKS**  
DuraHook helps speed installation times by inserting the DuraHook into one of the connector holes and drag the mats into position.

**METAL DURAPALLETS™**  
We offer extra-large metal pallets for easy transport and storage of DuraDeck mats. DuraPallet can hold up to 30 mats.

**DURADECK CONVENIENCE PACKS**  
All-in-one packs contain: 1 DuraPallet, 12 DuraDeck mats, 24 DuraLinks, 2 DuraHooks and 2 nylon straps. Available in 4'x8' and 3'x8' mats.

**SIGNATAC II**  
A unique dust/erosion control and soil stabilization product. Non-toxic and environmentally safe.

DURAPAD™ OUTRIGGER PADS

DuraPad™ is the lightest and most durable outrigger pad on the market – supporting loads up to 80,000 lbs, each.

DuraPad is manufactured from industrial-grade plastic composite that is impervious to exposure which means the material will not break down from prolonged use, and does not absorb chemicals, oil, or moisture. DuraPad is designed to have some flex to conform to ground contours without breaking or cracking – once they are off the ground and not being used, they will return to their original shape.

A multi-directional texture on the pad's surface eliminates the slippery surface when covered with snow, water or mud – thus providing an extra level of safety for workers, especially in dim- or low-light conditions.

DuraPad's handles are bolted in a position which keeps them clear of the outrigger foot and provides protection from wear. The long-lasting wire rope handle is made of aircraft-grade steel that will not fray or break over time.

MODEL	THICKNESS	COLOR	SIZE	WEIGHT
DD-RP	1"	Safety yellow	18"x18"	12 lbs
DD-RP	1"	Safety yellow	22"x22"	15 lbs
DD-RP	1"	Safety yellow	24"x24"	20 lbs
DD-RP	2"	Safety yellow	24"x24"	40 lbs
DD-RP	2"	Safety yellow	30"x30"	63 lbs
DD-RP	2"	Safety yellow	36"x36"	90 lbs

\*More sizes available – please call. \*Black color is available upon special request.



COMPARE DURADECK® TO PLYWOOD

DuraDeck® stands up to the elements. Plywood cracks under pressure.



	DURADECK®	PLYWOOD
Absorbs water	No	Yes
Safety hazards (splinters, loose nails...)	No	Yes
Can rot or be eaten by termites	No	Yes
Warps when wet	No	Yes
Contains arsenic	No	Possible
Contains recycled content	Yes	No
Solid and uniform construction	Yes	No
Treaded traction surface	Yes	No
Integrated connection system	Yes	No
Gets heavier/loses strength when wet	No	Yes

OUR CUSTOMERS



“To expedite the required access to the site, Bechtel elected to utilize the heavy duty DuraDeck matting material for the initial temporary access routes...I would recommend DuraDeck for anyone needing a quick, durable, reusable and multi-use matting material for roadways, lay down areas and other uses.”

–**Mark Benge**  
**Bechtel Field Engineering Manager**  
**Angola**



“DuraDeck mats have provided an excellent protective surface for all of the heavy scaffolding and construction traffic that was used during the execution of the work.”

–**Mark Davenport**  
**Vice President of Operations**  
**MariMar, Inc. Peshtigo, Wisconsin**



“Using DuraDeck ground protection mats saved us a tremendous amount of time and effort. Without them, we could never have finished the whole job in just one weekend...Not only did the DuraDeck mats allow us to reduce costs by working more efficiently, they also minimised inconvenience to residents of the area.”

– **Paul Flemming**  
**Foreman, Carillion Bridge Dismantle Project, Northeast England**



**DURADECK® IS MANUFACTURED BY**

Signature Systems Group, LLC

38 East 29th Street, 3rd Floor

New York, NY 10016

[www.duradeckmats.com](http://www.duradeckmats.com)

Available on



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