



rent the right way



Matting System

Site Access | Turf Protection | Equipment Protection

A temporary road system strong enough to support the most demanding loads and versatile enough to be used for delicate turf protection applications.



rent the right way

GROUND PROTECTION AND SITE ACCESS SOLUTIONS

Time and time again, utility companies, contractors, stadium managers and golf course superintendents turn to Mabey, Inc. to provide the temporary roadway solutions they need to get their jobs done quickly and efficiently.



THE MABEY DIFFERENCE

Mabey, Inc. is one of the country’s largest providers and installers of temporary roadway matting systems. Mabey mats are DURA-BASE® composite mats—the ideal solution when a temporary roadway is required over soft or saturated grounds, or when delicate and environmentally sensitive soils must be protected from pedestrian or vehicular traffic.

ECO-FRIENDLY & ECONOMICAL

Each rugged mat is composed of a high-strength, fully recyclable HDPE capable of supporting up to 600 lbs. per square inch. Mabey’s experienced installers can lay mats with a loader and just a single truckload can create an interlocking roadway up to 250’ long, making installation and trucking quicker and cheaper than with wooden mats. Read on for more information on Mabey’s full-line of temporary roadway solutions.



Mabey also rents to the construction industry a comprehensive line of products for bridging, shoring and propping with expert, in-house engineering.

Cover photo: Utility pole replacement in St. George Island, FL and Mabey Mats, floating in 5 feet of water, support a combined weight of 300,000 lbs.

DURA-BASE® is a registered trademark of Newpark, manufacturer of custom-engineered single-piece, sealed construction composite mats.

CONTENTS

- Product Information 2**
- Applications for Utilities 4**
- Applications for Golf Courses 5**
- Applications for Events 6**
- Installation 8**
- Composite Mats vs. Wood 9**



PRODUCT INFORMATION

MADE TO WITHSTAND YOUR DEMANDING CONDITIONS

Mabey's DURA-BASE® composite mats are built strong to support the most demanding loads, yet are versatile enough to be used for delicate turf protection applications. No matter how big or small the job, Mabey Mats hold up to whatever you can throw at it.

TRAFFIC

Traffic tests on differing soil conditions have shown the mats to be suitable for an average expected life in excess of 15 years. Fatigue tests have shown no appreciable damage at 60,000 cycles (6 inch deflection of 8 foot span).

STATIC DISSIPATION

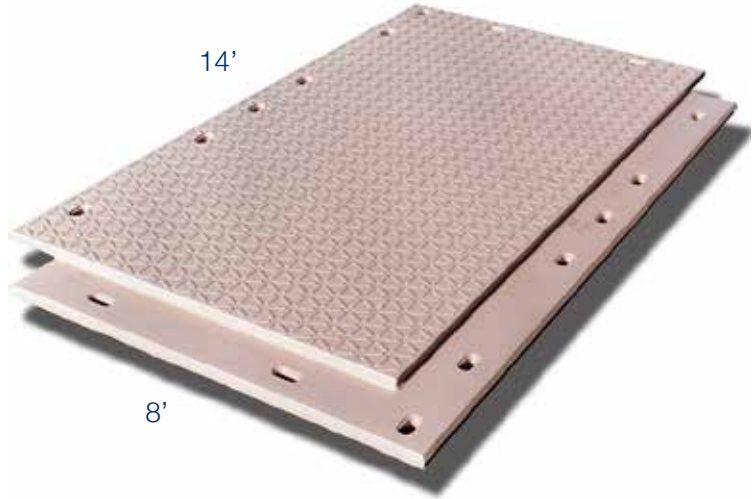
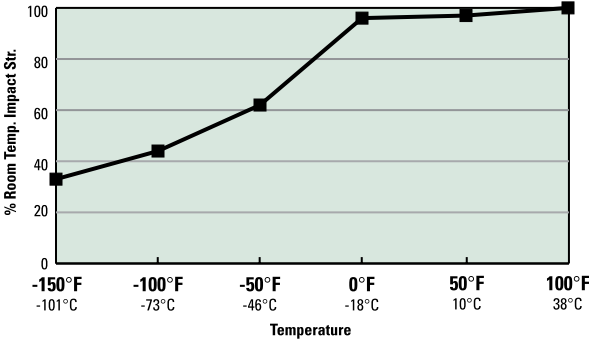
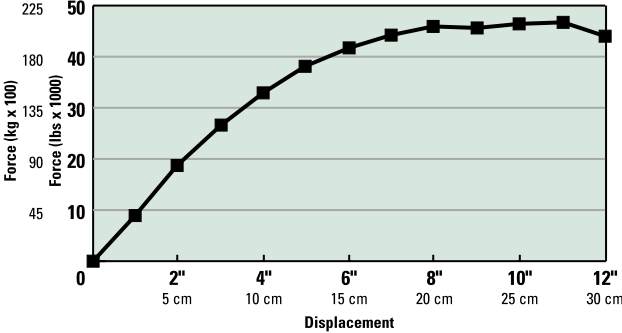
Plastics, left untreated, exhibit poor electrical conductivity. Our mats contain an additive that combines with the plastic and increases the conductivity. This allows charges to rapidly dissipate, virtually eliminating the potential for static build up.

STRENGTH

Testing has demonstrated mat tolerance to extreme deflection while maintaining a high-load bearing capacity. Pure compressive load-bearing strength is 600 psi. Compressive loads in excess of 1,000 psi have been observed in lab testing. Mats also demonstrate durability in extreme climates.

BUILT FOR THE TOUGHEST JOBS

- Dimensions: 8' L x 14' W x 4.25" D
- Surface: 7' L x 13' W x 4.25" D
- Approximately 1,000 lbs. each
- Durable overlapping design
- Secured with twist-lock fasteners
- Supports up to 600 PSI
- Skid-resistant surfaces



DURA-BASE® is a registered trademark of Newpark, manufacturer of custom-engineered single-piece, sealed construction composite mats.

PRODUCT INFORMATION

THE MAT FOR ANY JOB

Mabey's DURA-BASE® composite mats are strong enough to carry the heaviest boom trucks yet flexible and attractive enough to protect delicate stadium grass for concerts and other events. Read below for more on why our mats are your best solution to fit any need.



SITE ACCESS

Utility contractors know that crossing swamp lands and environmentally sensitive areas to reach remote transmission lines or pipelines is all part of the job. Mabey mats create a stable roadway, turnaround or work pad where there was none before, allowing you to reach the job site through soggy terrain or, in some cases, in several feet of water. Do environmental regulations mandate you guard against soil damage? Mabey Mats help protect the ground beneath them. Best of all, there is usually no ground preparation necessary. Just drop the mats and go!



TURF PROTECTION

Concerts and outdoor festivals are fun, but pedestrian and light vehicular traffic can mean serious damage to delicate (and expensive) turf. Mabey's matting system can be placed with a simple loader and weigh approximately 1,000 lbs., so they are easier to install than wood mats. Mabey mats have been implemented at outdoor festivals, golf tournaments and concerts around the country because they provide turf protection capabilities that are superior to lighter products and an ease of install that can't be beat by wood. Plus, the anti-skid surface and interlocking design help insure attendee safety.



EQUIPMENT PROTECTION

You already know that Mabey mats prevent damage to underlying soils, but what about the damage those same grounds can cause to your gear? Mabey's products ensure that rocks and loose soil remain in place and not in the tires and wheel wells of your vehicles, reducing clean-up and decontamination times. Additionally, our mats are ideal for use as a dust control device and help to reduce airborne particles on even the driest and sandiest worksites.

DURA-BASE® is a registered trademark of Newpark, manufacturer of custom-engineered single-piece, sealed construction composite mats.

APPLICATIONS FOR UTILITIES

ACCESS THE MOST REMOTE SITES AND MINIMIZE SOIL DISTURBANCE AND DAMAGE.

Mabey's DURA-BASE® composite mats were designed with the utility contractor in mind. Increased regulation and sensitivity to environmental factors means that, increasingly, transmission lines and pipelines are installed in more remote areas of our country. Navigating swampy and flooded terrain and protecting delicate ecosystems can complicate your next project and increase both cost and working time. Mabey Mats, made from 100% HDPE, are an interlocking system which form a temporary roadway allowing access to the most remote worksites – while improving productivity.

MABEY MATS ARE AT THEIR BEST IN THE VERY WORST CONDITIONS

Mabey mats not only interlock, but stack on top of one another in wet or flooded conditions. The honeycomb construction of these mats provides buoyancy which allows work trucks to reach sites covered in several feet of water. In addition, mats can be used to create workpads near the bases of pylons, allowing for a stable work surface in the most unstable conditions. Mats can also be used to create turnarounds for your trucks, so your road in is also the road out. In addition, our mats have an additive that eliminates the potential for static build up.

MABEY MATS WORK WHERE WOOD DOESN'T

Simply put, wooden mats underperform in wet or environmentally sensitive conditions. Wood absorbs water, which makes them heavy and often too soft to support heavy trucks. The non-porous surface of our mats cleans easily and eliminates cross contamination from one job site to the next. Moreover, wood requires time-consuming site preparation while Mabey mats generally require none. Perhaps most importantly, wood mats often cannot be used in protected areas. Mabey mats do not splinter or pollute and leave no trace once they are removed.

INSTALLATION

Mabey Inc.'s productive installation teams have extensive experience in safely and efficiently installing miles of temporary roadways. Our installation team work seamlessly with your team to meet project goals and their experience makes them highly responsive in emergency situations.



DURA-BASE® is a registered trademark of Newpark, manufacturer of custom-engineered single-piece, sealed construction composite mats.

APPLICATIONS FOR UTILITIES



Transmission pole replacement in Maryland.



Pipeline installation in Pennsylvania.



Site access for utility pole replacement in New Jersey.



Replacing old transmission poles in 16 ft of water in North Carolina.



APPLICATIONS FOR GOLF COURSES

A HOLE IN ONE

Mabey's DURA-BASE® composite mats are trusted by golf course managers and tournament officials across the U.S. They know that Mabey's heavy-duty matting system protects delicate turf from pedestrian and vehicular damage in a way that light-capacity or wooden mats simply can not. Our mats provide an interlocking, skid-resistant surface for conveying gallery members across fairways and are ideal as a stable, temporary surface for tournament parking and staging areas.



DURA-BASE® is a registered trademark of Newpark, manufacturer of custom-engineered single-piece, sealed construction composite mats.

APPLICATIONS FOR EVENTS

SPECIAL EVENTS

Mabey's DURA-BASE® composite mats are strong enough to withstand the heaviest loads. For that reason and more, event organizers trust Mabey mats to protect both ground and equipment when the need arises. Our mats are the ideal solution for air shows, car shows and other events where ground protection is a must.

PEDESTRIAN WALKWAYS

Even the most hardened ground is subject to damage from heavy foot traffic. Moreover, inclement weather can often lead to soft and dangerous soil conditions for event attendees. Choose Mabey mats to provide your patrons with a safe and stable, skid-resistant walking surface that also protects the soils below.

CONCERTS AND OUTDOOR SHOWS

Set the stage for a successful concert and choose Mabey mats to protect delicate (and expensive) stadium turf. Damage caused by equipment and concert attendees leads to costly ground repairs. Instead, trust Mabey's solution to lend the heavy-duty support that lighter mats can't match. Installation and removal are quick, and by sparing your turf from expensive repairs, you'll see real savings in time and money.



Mats used before a concert at FedEx Field in Maryland.



Mats help transport a 55-ton, KC-130 aircraft at a New Jersey airshow.



At work on the National Mall in Washington, D.C.

DURA-BASE® is a registered trademark of Newpark, manufacturer of custom-engineered single-piece, sealed construction composite mats.

INSTALLATION

WHAT MAKES DURA-BASE® MATS SUPERIOR TO WOODEN ONES?

Simply put, Mabey's DURA-BASE® composite mats are lighter, stronger, less permeable and in the long-run, less expensive than the wooden alternative.

AS SIMPLE AS 1-2-3

One of the biggest advantages to using the Mabey matting system is the ease and speed with which the mats can be secured. Our mats are delivered to your worksite aboard standard flatbed trucks and laid down by our experienced crew. Unlike other temporary roadway solutions, Mabey mats require little to no site preparation prior to installation. Once in place, the mats utilize an exclusive locking pin system to securely fasten each mat to adjacent ones. The pins are easily inserted through existing holes in the mat's lip and require a simple 90 degree turn to hold them in place. The mats remain tightly secured over mud, sand and most other surfaces.

LOGISTICS

- Our mats weigh approximately 1,000 lbs. each and 33-46 may be carried per truckload. Wood mats, alternatively, can weigh up to 2,200 lbs. each and allow only for 15-20 mats per load. A location that requires 1,500 mats may need 36 truckloads of Mabey mats vs. 100 truckloads of wooden ones. If your trucking averages \$500.00 per load it would cost you \$18,000 to transport Mabey mats vs. \$50,000 for wood.

SAFETY

- Non-skid surface is safer for vehicles to drive on and crews to walk on.
- Mats pin together, virtually eliminating separation of the work surface, splintering and other hazards.
- No nuts, bolts or power tools are needed so installation is safer and more efficient.
- Mats contain an additive that combines with the plastic to eliminate the potential for static build up.

Continued on next page

DURA-BASE® is a registered trademark of Newpark, manufacturer of custom-engineered single-piece, sealed construction composite mats.



Mats are installed with standard site equipment.



Overlapping design stabilizes and secures mat.



Pin fasteners lock mats into place to prevent separation.

INSTALLATION

ENVIRONMENTAL FRIENDLINESS

- Mabey’s DURA-BASE® composite mats are made from 100% recyclable HDPE.
- HDPE is a non-absorbent material that allows for decontamination at the end of the project. Unlike wood competitors—chemicals, water, mud and other waste are easily removed from the mat and cannot be transferred from one job site to the next.

VALUE

- Sometimes, wooden mats simply won’t work. Wet grounds, unstable soil and environmental considerations all play important factors in the products you choose. While wooden mats may be less expensive on a per-mat basis initially, shipping, installation, durability and cleaning times add up to higher costs and longer timelines. When you consider all of the factors, Mabey mats are the clear choice for your next project.



Wood mats after one use.



Mabey Mats after one use.

COMPOSITE MATS VS. WOODEN MATS

	COMPOSITE MATS	WOOD
Interlock for Added Stability	Yes	No
Allowed in Environmentally Sensitive Areas	Yes	No
Weight/Mat	1,000 lbs.	2,200 lbs.
Trucking Capacity	33-46 mats per truckload	20 mats per truckload
Transportation and Fuel Cost Savings	Fewer trips to site	More trips to site
Permeability	Does not retain moisture/chemicals	Significant moisture/chemical retention
Contaminants Carried Between Sites	No	Yes
Recyclable	Yes	No
Safety Hazards	No	Broken boards, nails, etc.
Mat Shifting	No	Yes
Engineered with Consistent Properties	Yes	No

Mabey's Training Services

1-855-MB-TRAIN training@mabey.com



rent the right way



WHO WILL BENEFIT?

- Owners
- Estimators
- Project Managers
- Supervisors
- Equipment Operators
- Laborers
- Safety Managers

- Best Practices & OSHA Refresher
- Excavation Safety

- Excavation Systems: Sheet & Frame | Slide Rail | EMV
- Safety Lunch-and-Learn

Mabey Inc.
Headquarters
6770 Dorsey Rd
Elkridge MD 21075
mabey.com



www.mabey.com



since 1923