

# MASTERSHIELD TRAX™

## TURF PROTECTION SYSTEM



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# MASTERSHIELD TRAX™ TURF PROTECTION SYSTEM

## Extra Heavy Duty Stadium Turf Protection for Pedestrian Traffic and Temporary Roadway Use

With extremely high built-in spread load capabilities, MasterShield Trax™ is used as a heavy duty temporary roadway for forklifts, large trucks and cranes. With the culmination of over 20 years of experience in the temporary roadway and event flooring solutions, Covermaster has used the latest computer aided design and testing to create a product that meets the challenges and requirements of the event flooring industry. MasterShield Trax™ is designed to take the weight and stresses exerted by forklifts and 100 ton cranes as used in the outdoor concert business.

MasterShield Trax™ is light enough to be put in position by hand, and with its overlapping design and unique interlocking system, it creates a continuous surface free from gaps and other potential trip hazards. Each panel can be overlapped and interlocked with other panels, creating a smooth, hazard-free surface. The streamlined, integrated interlock system consists of five retained fasteners per panel that are engaged and disengaged by rotating them ninety degrees with the installation tool provided.



The lightweight design and fastening technology minimizes worker bending, eliminates the need for loose components, and contributes to a safe and efficient job site environment.

The durable design can sustain the varying types of vehicular, stage, sound system and other structural loading and wheeled traffic stress, and is compact and well suited for chair setups, tent flooring and pedestrian pathways.

MasterShield Trax™ incorporates a flat bottom panel, which adds to its stability and strength. Mixing towers, speaker towers, staging, ballast and lighting trusses can be placed directly on MasterShield Trax™. This turf protection system is designed to handle the heaviest of weights, from vehicles, forklifts, and other moving loads and is the ideal choice for both backstage areas and front-of-house.

MasterShield Trax™ heavy duty turf protection systems can be used in conjunction with both the MasterShield Plus™ and MasterShield Lite™ models to provide the best stadium flooring solution for any event. Whether the event requires a complete driving surface or just portion of the surface to be drivable with the balance in a lighter pedestrian model, Covermaster can design the ideal MasterShield System for your facility. We have designed the support walls of MasterShield Plus™ to be rounded on the bottom, to eliminate sharp edges and reduce any potential damage or cutting of the natural turf. This feature will result in a better weight distribution on the tile, thereby reducing the possibility of a “cookie cutter”





effect on the grass surface. For synthetic turf, MasterShield Trax™ was designed specifically for today's systems and offers a superior level of protection against foreign contaminants. The overlapping design with, integrated out of sight Snap-Locks, and reduces any potential channels for spilled liquids to find their way to the artificial turf. The rounded lower support walls of MasterShield Trax™ will protect the surface of synthetic turf, while only leaving a slight trace of its presence once removed, which can be easily and quickly brushed out. This design will also prevent shifting of the snap tiles on the artificial turf or the displacement of the infill.

## Features:

- Closed-back design to reduce heat build up
- Translucent virgin HDPE allows for photosynthesis to occur when grass is covered
- Vertical locking system for ease of installation
- Reinforced structural ribbing for strength
- Large overlap allows for uniform lateral load transfer between panels
- Designed to be drivable and pedestrian friendly
- Easy installation and handling
- 100% recyclable

## Area of use:

- Stadium turf protection
- Portable Roadways solutions and pedestrian walkways
- Tractor Trailer loading/unloading, stage set up, rigging, heavy construction, etc.
- Solid base for crane set up
- Mixing Tower base
- Temporary Event Parking
- Tent, Concert, Event Flooring



# MASTERSHIELD TRAX™ SPECIFICATIONS



SPECIFICATIONS	STANDARD	METRIC
Net Working Surface	13.5 ft2	1.25 m2
Weight Per Mat	47.5 lbs.	21.5 kg
Surface Dimensions	4 x 4 ft.	1.22 m x 1.22 m
Height	1.5"	38.1 mm
Net Working Surface Per Truck Based on GVWR rating of 80,000 lbs.	12,960 ft2	1,393.5 m2
Shipping & Storage Max pallet height not to exceed 42 inches	24 mats/ 4'x4' pallet 48 mats/ 4'x8' pallet	N/A
Compression Strength Based on an intermittent load on a 12" x 12" area	450 psi	3,100 kpa
Maximum Wheel Load Rubber tire @<5mph with a minimum contact area of 9 square inches over level surface @ 72 F	300 psi	2,068 kps
Minimum Contact Area For Static Loads >250 pounds @ 72 degrees F	16 in2	10.16 cm2
Maximum Allowable Deflection	3"	7.62 cm
Temperature Range	-4°F – 113°F	-20°C – 4°C
Burn Rating Data is based on the materials used in manufacturing	UL 94-HB	NA
Colors	Translucent & Gray	Translucent & Gray
Usable Area per Truckload	13,000 ft2	1,289 m2



100 Westmore Dr., 11D, Rexdale, ON M9V 5C3  
3909 Witmer Rd., Niagara Falls, NY 14305

**1-800-387-5808**

Tel: 416-745-1811 • Fax: 416-742-6837

[www.covermaster.com](http://www.covermaster.com) • [info@covermaster.com](mailto:info@covermaster.com)