

MP Trax™

*A natural and synthetic
rubber, dual durometer
surface.*



MP Trax™

MP TRAX is a prefabricated sheet product specially formulated for indoor use on competitive performance tracks and field facilities as well as tennis and multiple recreational venues. MP Trax uses a special blend of natural and synthetic rubbers to achieve excellent resilience, elongation, and tear strength resulting in consistency of play and longevity of the system.



Aacer
FLOORING®

MP Trax™

**Natural and Synthetic Rubber
Dual Durometer System**

High-grade blend of
synthetic and
natural rubber

Dual durometer layers

Waffle back for
increased force
reduction and shock
attenuation

- *Ideal Track Surface*
- *Spike Resistant*
- *Versatile with Multipurpose Applications*
- *Delivers Force Reduction*
- *Outstanding Elasticity*
- *Dual Durometer Design*
- *Provides a Uniform Performance Surface*
- *Precured Homogenous Rubber Product*
- *Holds up to High Traffic/Use*

All-Purpose
embossing

Track
embossing

Part I – GENERAL

1.01 Description

A. Scope

1. The complete installation of MP Trax rubber flooring as furnished by Acer Flooring, LLC, to include the rubber flooring and adhesive.

1.02 Related Work Specified Elsewhere

- A. Installation of concrete or asphalt. Substrate shall be free of all debris. No Curing agents or sealers are to be applied to the surfaces.
- B. Preparation of substrate; provide a medium dense finish, level, and free of defects. Slab tolerance is +/- 1/8" in a radius of 10'.
- C. Thresholds or game equipment inserts.

1.03 Quality Assurance

- A. Acceptable Manufacturer Acer Flooring, LLC
 1. The Manufacturer shall be a firm experienced in the manufacturing of athletic floor systems and resilient rubber floor systems.

B. Acceptable Installer

1. The Flooring Contractor shall be a firm experienced in the flooring field and approved by Acer Flooring, LLC

1.04 Submittals

- A. Submit samples of the actual sports surface in the selected color from the manufactures standard color guide.
- B. Submit MP Trax Guide Specifications and Literature.
- C. Submit MP Trax maintenance instructions.

1.05 Delivery, Storage and Handling

- A. Materials shall not be delivered until all masonry, painting, plastering, tile work, marble and terrazzo are completed. All electrical, HVAC, and related overhead mechanical work shall be completed prior to installation.
- B. The General Contractor shall provide a secure material storage area to prevent damage. The storage area shall maintain a minimum temperature of 55 degrees (F) and a relative humidity under 50%.

Part III – EXECUTION

1.06 Project Conditions

- A. Do not install the floor system unless the concrete has been cured for a minimum of 60 days, and the substrate shall meet previously noted requirements for quality and flatness.
- B. Installation area temperatures must be maintained at 65 degrees (F) for one week preceding, during, and 3 days after installation is completed.
- C. To facilitate proper curing and adhesion the general contractor shall not allow access to the completed area by any trades and until the installation and material are accepted in writing by the owners agent or the owner.

1.07 Guarantee

- A. The suppliers guarantee shall not cover damage caused in whole or in part by casualty, ordinary wear and tear, abuse, use for which the material was not designed, faulty construction of building, settlement of the building, walls, or failure of other contractors to adhere to specifications, separation of the concrete slab and excessive dryness or excessive moisture from humidity, spillage, migration through he slab or walls, or any other source.
- B. Aacer Flooring, LLC shall warrant the flooring materials to be free from manufacturing defect for a period of 1 year from date of substantial completion. This warranty is in lieu of all other warranties, expressed or implied, including but not limited to any warranty of merchantability or fitness for a particular purpose.

Part II – PRODUCTS

2.01 – Materials

- A. Adhesive
 - 1. Two-component urethane adhesive specially formulated to adhere sheet rubber products to concrete, asphalt and wood substrates.
- B. MP Trax Sheet Rubber
 - 1. Surface shall be non-laminated, homogenous rubber roll product consisting of vulcanized synthetic and natural rubbers, rubber regrinds, silicates and pigments. The product shall have the following physical characteristics. (See Figure A)
 - 2. Specify surface texture – MP (for multi-sport) or SP (for performance track and spike usage).
 - 3. Roll width is 48". Lengths shall be from 30' to 75' long depending on material thickness.
 - 4. Specify thickness – MP 6, 8, 10, 12mm; SP 13, 14mm.
 - 5. Specify color – See Color Chart.
- C. Gameline Primer and Paint
 - 1. Two component, pigmented urethane coating specially formulated for use over resilient rubber sport surfaces.
 - 2. Specify gameline color(s) – Red, yellow, grey, blue, green, orange, black and white.

3.01 – Pre-installation Inspection

- A. Inspect the substrate for:
 - 1. Dryness – less than 4% moisture.
 - 2. Levelness – 1/8" in any 10' radius.
 - 3. Contamination – floor must be free of paint, grease, oil and all contaminants that will adversely affect proper adhesion to the substrate.
 - 4. Job conditions – all overhead work must be completed, and the room must have permanent HVAC in place and operating. Maintain 65° F and less than 80% humidity.
- B. Report any discrepancies to the general contractor, construction or owner.
- C. Any corrections to the substrate will be the responsibility of others.

3.02 – Installation

- A. Layout material to be installed prior to gluing to allow for the best usage.
- B. Unroll material and allow relaxing before cutting to fit.
- C. Thoroughly mix two-component urethane adhesive and apply to floor with a 1/16" notched trowel at the rate of 75 SF/gal.
- D. Unroll rubber into freshly applied adhesive.
- E. Double cut end seam and apply weight until adhesive is sufficiently cured.
- F. Side seams should be set in compression. Overlap 1/8" and compress seam into material of adjacent roll. Set bricks on seams for 12 hours to ensure seams set in adhesive.

(continued...)

Figure A

Technical Characteristics	
Tensile Strength (ASTM D-412)	800 psi to 900 psi
Elongation at Break (ASTM D-412)	350% to 450%
Tear Strength (ASTM D-625)	145 to 170 psi Die C
Hardness (ASTM D-2240)	55 (+/- 5) Shore A
Compression Set (ASTM D-395)	17% Recuperation
Compression Modulus (ASTM D-412)	100% Modulus 275
Compression Modulus (ASTM D-412)	300% Modulus 650-700
Ozone Exposure (100 hrs.)	no cracks
Spike Traffic	yes
NBS Abrasion (ASTM D-1630)	58
Taber Abrader (ASTM D-3389)	9% (Average Mass Loss/Rev)
Fire Classification (ASTM E-162)	Class B
Fire Classification (ASTM E-662)	Smoke Density better than PVC and PU
Chemical Resistance	good



MP Trax™

- G. Roll entire floor with a 75# floor roller for the next several hours while adhesive is curing.
- H. Clean up any adhesive that has oozed between the joints.
- I. Use quality masking tape to layout the gamelines. Clean and prime the lines before applying the gameline paint. Thoroughly mix the gameline paint and spray apply.

3.03 – Clean Up

- A. Clean up all unused materials and debris and remove the same from the premises. Leave the job site in a clean and workman like manor.

It is the policy of Acer Flooring, LLC to continuously improve our line of products. Therefore we reserve the right to change or modify models, specifications, and accessories of all products at any time without notice or obligation to any purchaser.



Acer's Got You Covered

Acer steps up to meet the challenging needs of the recreational, residential and commercial markets and demonstrates its continued commitment to customer satisfaction and premium quality. Along with over 20 northern hardwood flooring performance systems, Acer brings you a full line of Synthetic Sports Flooring. Structural stability, enhanced performance and safety are key features of the sports-specific engineering that is part of every Acer sports floor system. Acer excellence has got you covered. Again.

For information on our hardwood performance floor systems, please see us at Sweet's buyline® 09642.

Being Green Just Makes Sense

All synthetic products are safe and use a minimum of 25% recycled materials.



**100%
Recyclable**



Member

Warranty

Acer Flooring, LLC, Peshtigo, WI, hereby warrants the materials it has supplied to be free from manufacturing defects for a period of one year. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

This warranty is limited to the materials manufactured by and supplied by Acer Flooring, LLC. THIS WARRANTY EXCLUDES ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES and, in the event of breach, Acer Flooring, LLC's sole liability and your exclusive remedies will be limited to repair or replacement of material and components supplied by Acer Flooring, LLC and proven to be defective by the manufacturing process.

During the warranty period, the floor shall not be recoated without the approval of the flooring contractor.

The jobsite documentation forms by the flooring contractor shall become part of the warranty and both the owner and Acer Flooring, LLC shall retain a record of said forms as a permanent reference for any obligation.

Flooring contractor warrants the installation of the floor system to be free from defects in materials and workmanship for a period of one year.

MAINTENANCE - MP Trax

Sweep regularly to remove surface dirt and grit. Hand scrub any spots with an approved cleaner before using scrubbing machine. When using scrubbing machine be sure to change the rinse water frequently.



revised 01/2008



P.O. Box 151 • 970 Ogden Rd. • Peshtigo, WI 54157
Toll-Free 877-582-1181 • Fax: 715-582-1182
www.AcerFlooring.com