

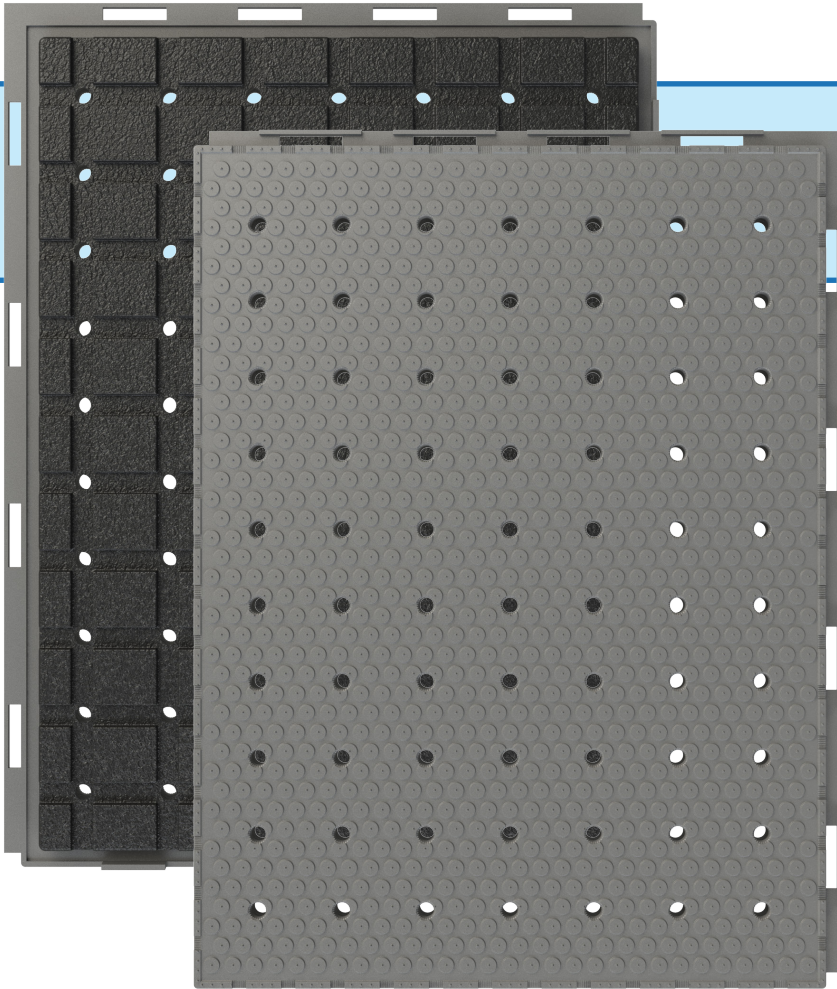
ULTRABASE MAX™

A DIVISION OF **IBT**

***THE PERFECT FUSION OF
PERFORMANCE AND SAFETY***



ULTRABASEMAX™



ULTRA BASE MAX

Combining all the properties that you've come to rely on from UltraBaseSystems and fused with a state-of-the-art shock absorbing membrane, Ultra Base MAX delivers unprecedented safety, performance, drainage and ease of installation with our patented "Drop-'N-Lock" technology, resulting in a product unlike anything ever seen in the synthetic turf industry.

FEATURES

- CONSISTENT GMAX
- SUPERIOR ENERGY RESTITUTION
- FASTER PLAYING SURFACE
- BETTER DRAINAGE
- EASY TO INSTALL
- REQUIRES LOWER TURF HEIGHTS
- LITTLE TO NO INFILL REQUIRED
- TURF BARBS



A DIVISION OF **IBT**

- | | | | |
|---|--|---|--|
|  SAFETY |  DRAINAGE |  LIFE-CYCLE COST |  COST SAVING |
|  CONSISTENT PERFORMANCE |  INSTALLATION |  LOAD BEARING |  SUSTAINABILITY |



Proudly made in the USA from 100% recycled and recyclable materials.

866.921.7888 | 727.391.9009
www.UltraBaseSystems.com | www.TourLinks.net

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ULTRA BASE MAX



Ultra Base MAX is the perfect fusion of performance and safety. Engineered with the patented UltraBaseSystems® rigid structural shell for performance, fused with a state-of-the-art automotive grade shock absorbing membrane for safety, Ultra Base MAX delivers what athletes demand.

What Once Seemed **IMPOSSIBLE** is Now **REALITY!**

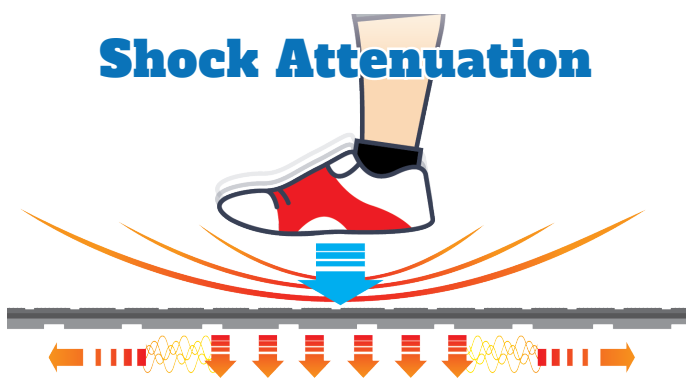


Rigid Structural Shell

Shock Absorbing Membrane

Ultra Base MAX
Panel Detail

Shock Attenuation



Impact energy dissipates downward as well as laterally while providing a safe stable feel under foot.

Energy Restitution



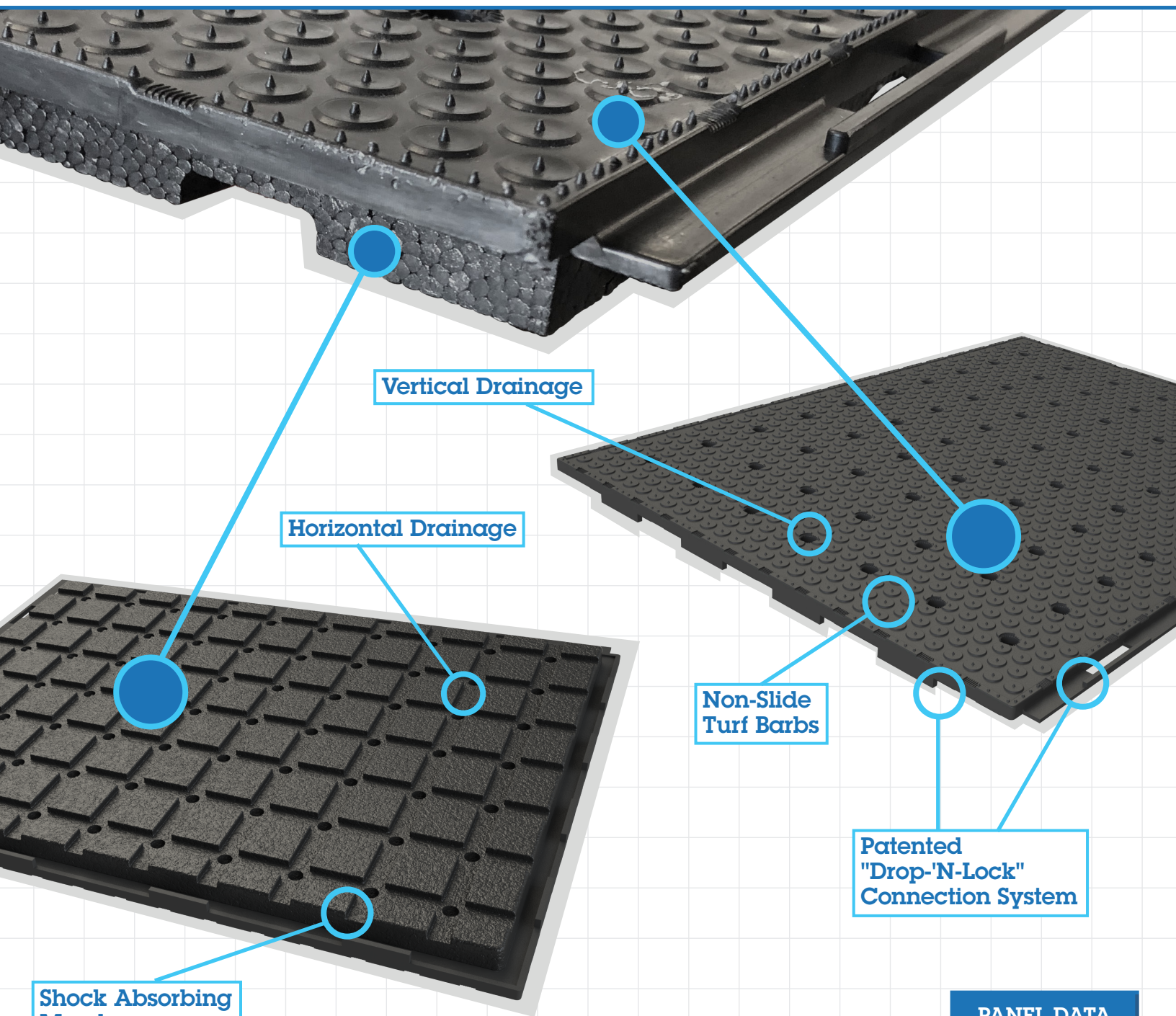
Kinetic energy during play is returned to the athlete promoting peak performance.



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TECHNICAL DATA



Shock Absorbing Membrane

Combining all the properties that you've come to rely on from UltraBaseSystems and fused with a state-of-the-art shock absorbing membrane, Ultra Base MAX delivers unprecedented safety, performance, drainage and ease of installation with our patented "Drop-N-Lock" technology, resulting in a product unlike anything ever seen in the synthetic turf industry.

TESTS	SCORE
R-value	2.9
Vertical Drainage	754.3 in
Storage Capacity	.34 gal.

PANEL DATA	
Length	39 3/8"
Width	29"
Depth	1 1/8"
Weight	7.8 lbs
Area	7.93 sf per panel



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The Perfect Fusion of SAFETY and PERFORMANCE

Ultra Base Max is our solution to the demand for safer and higher performing base technology.

ULTRA BASE MAX PASSES THE TEST

The testing results were performed by an accredited sports testing facility - all tests were performed over concrete, yielding the following results. The results for all of these tests performed met the requirements for a STC Stadium Field. The requirements for a STC Stadium Field are the same as those specified in the FIFA 2-Star Standard. Test results available by request.

Ultra Base MAX - 1" Turf with 1.68 lb/ft2 of Sand & .72 lb/ft2 of Rubber Fill

TEST	SCORE	FIFA 1 STAR (PASS/FAIL)	FIFA 2 STAR (PASS/FAIL)	STC (PASS/FAIL)	INT. RUGBY BOARD (PASS/FAIL)
Force Reduction	70%	PASS	PASS	PASS	PASS
Vertical Deformation	10mm	PASS	PASS	PASS	PASS
Energy Restitution	40%	PASS	PASS	PASS	PASS
Gmax/HIC Shock Attenuation	82	PASS	PASS	PASS	PASS
Rotational Resistance	32	PASS	PASS	PASS	PASS
HIC Impact Attenuation	1.3m	PASS	PASS	PASS	PASS

Ultra Base MAX - 1.5" Turf with 3.3 lb/ft2 of Sand & 1.4 lb/ft2 of Rubber Fill

TEST	SCORE	FIFA 1 STAR (PASS/FAIL)	FIFA 2 STAR (PASS/FAIL)	STC (PASS/FAIL)	INT. RUGBY BOARD (PASS/FAIL)
Force Reduction	67%	PASS	PASS	PASS	PASS
Vertical Deformation	9.4mm	PASS	PASS	PASS	PASS
Energy Restitution	43%	PASS	PASS	PASS	PASS
Gmax/HIC Shock Attenuation	82	PASS	PASS	PASS	PASS
Rotational Resistance	38	PASS	PASS	PASS	PASS
HIC Impact Attenuation	1.4m	PASS	PASS	PASS	PASS

Ultra Base MAX - 2" Turf with 5 lb/ft2 of Sand & 2 lb/ft2 of Rubber Fill

TEST	SCORE	FIFA 1 STAR (PASS/FAIL)	FIFA 2 STAR (PASS/FAIL)	STC (PASS/FAIL)	INT. RUGBY BOARD (PASS/FAIL)
Force Reduction	68%	PASS	PASS	PASS	PASS
Vertical Deformation	9.8mm	PASS	PASS	PASS	PASS
Energy Restitution	41%	PASS	PASS	PASS	PASS
Gmax/HIC Shock Attenuation	79	PASS	PASS	PASS	PASS
Rotational Resistance	34	PASS	PASS	PASS	PASS
HIC Impact Attenuation	1.5m	PASS	PASS	PASS	PASS

**Ultra Base MAX
No Turf/No Fill**

TEST	SCORE
Force Reduction	55%
Vertical Deformation	5.6mm
Energy Restitution	54%
Gmax/HIC Shock Attenuation	117
Rotational Resistance	N/A
HIC Impact Attenuation	1.0m

TEST	SCORE
R-value	2.9
Vertical Drainage	754.3 in
Storage Capacity	.34 gal.

WHAT'S IT ALL MEAN?

Force Reduction

Force Reduction measures the amount of absorption a surface provides at the moment of impact.

Vertical Deformation

Vertical Deformation measures the amount of deflection of a surface as an athlete runs on it. It is a indicator of the speed and stability of the surface.

Energy Restitution

Energy Restitution is a measurement of the amount of energy returning back to the athlete from the surface which dictates the athletes speed, performance and level of fatigue.

Gmax/HIC Shock Attenuation

Gmax is the ASTM official device for measuring the hardness of a surface as it relates to head and body safety.

Rotational Resistance

Rotational Resistance measures the amount of movement of the surface underfoot affecting the athletes ability to change direction reducing the potential for lower leg injury.

HIC Impact Attenuation

HIC calculates the Head Injury Criteria (HIC). HIC is used to predict the potential of head injury resulting from a surface impact.

R-value

R-value measures the insulation potential of a material when subjected to a variety of temperatures.

Vertical Drainage

Vertical Drainage calculates the amount of fluid moving through a material. Measured in inches per hour or gallons per minute per square yard.

Storage Capacity

Storage Capacity determines the volume of liquid able to be stored within the panel. Measured in gallons per panel.

Horizontal Drainage

Horizontal Drainage calculates the amount of liquid which evacuates laterally from the panel. Measured in inches per hour or gallons per minute per square yard.



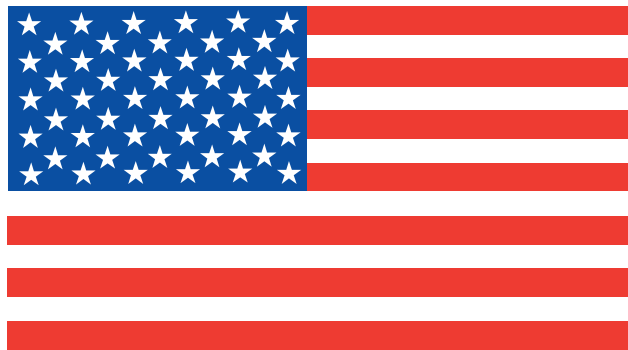
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