

ATHLETIC FIELDS



# SAFETY

The Ideal Balance Between Safety and Playability

## Benefits

- Designed by athletes, for athletes
- Energy absorbing design supports enhanced safety
- Designed for optimal athletic performance



## Features

- Designed to provide the right balance of shock attenuation and energy restitution
- Patented barb design prevents turf movement and wrinkling
- Facilitates the use of less infill and lower pile height
- Resilient construction promotes peak muscle performance

## UltraBaseSystems in Action

What exactly is meant by “The ideal balance between safety and playability?” Much has been said, and rightly so, concerning the field-to-player impact collision. However, safety is more than soft. Field planarity to promote predictable ball roll, proper drainage to prevent slippage, structural confidence under foot, and returning performance energy back to the athlete is the checklist that every field engineer and consumer should demand.



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# CONSISTENT PERFORMANCE

Innovative Design Ensures Years of Consistent Play

## Benefits

- Supports consistent playability across the entire field
- Consistent performance will last for years
- Maintains a smooth and predictable playing surface
- Less infill migration
- Turf stays in place
- Compensates for sub-base irregularities such as uneven grading
- Conformable to field pitch and undulations



## Features

- Resilient yet structurally firm design facilitates:
  - Uniform GMAX
  - Less infill migration
  - Uniformly smooth surface
  - Compensates for sub-base irregularities
  - Conformability to field pitch and design undulations
- Patented barb design helps to keep turf in place
- Interlocking tooth system ensures a smooth, predictable playing surface over time

## UltraBaseSystems in Action

“Our turf never looked so good” is a comment that we hear continuously when a field is built on the UltraBaseSystems panel system. The precision manufacturing techniques demand every panel delivers a billiard table effect to your turf surface. Protruding rocks, burrowing animal damage, or uneven surface heights are a thing of the past.



# INSTALLATION

The Most Efficient Field Installation

## Benefits

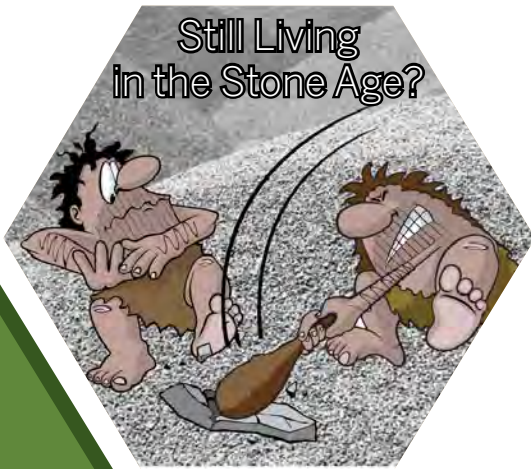
- Easy installation requires less skilled labor costs
- Reduces total field construction time
- Minimizes sub-base preparation
- Any design achievable
- Eliminates expensive nailer boards or concrete curbs
- Panels do not need to be removed or repositioned when a new turf is installed
- Heavy equipment will not damage or displace the base during installation
- Panels can be easily shipped, stored and reused
- More sub-base preparation options



## Features

- Interlocking modular panels ensure easy installation and structural integrity/consistency
- Proven systematic, step-by-step approach reduces required skill levels
- Sturdy structural design supports heavy equipment during installation and beyond
- Panels do not need to be protected or covered during installation
- Turf can be attached directly to the perimeter panel
- Panels can remain uncovered indefinitely awaiting installation
- Panels designed to be easily cut to create an infinite number of designs and shapes

Still Living  
In the Stone Age?



## UltraBaseSystems in Action

Hauling and moving stone is backbreaking work and for years the only accepted solution for base construction. By replacing mass with science, UltraBaseSystems can dramatically facilitate the installation process. Often times installation is as simple as having unskilled volunteers participate in the field construction resulting in a whole new level of community ownership.



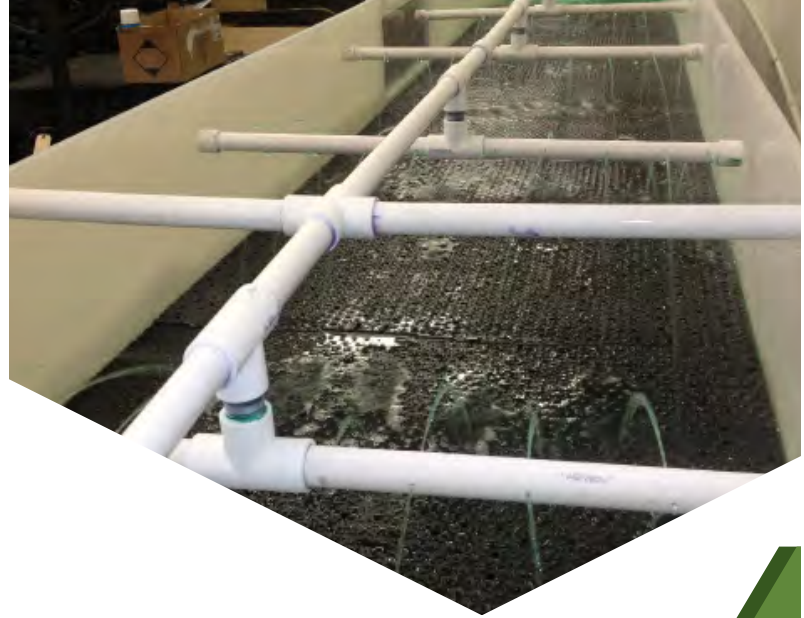


# DRAINAGE

The Best Protection Against Rain Delays

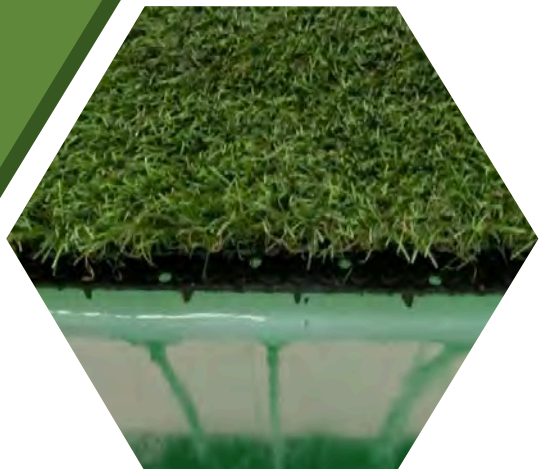
## Benefits

- Water drains from the field more quickly so players are back on the field sooner
- Superior drainage ensures a better playing surface
- Reduces infill migration



## Features

- Panel design permits superior vertical and horizontal flow
- Patented design permits water storage capacity under the panel
- Panels work with both permeable and impermeable stabilization drainage fabrics
- Can support permeable and/or impermeable drainage



## UltraBaseSystems in Action

The UltraBaseSystems superior vertical and horizontal drain design coupled with each panel's water storage capacity (Professional Panel holds 3.58 gallons underneath and Champion Panel holds 1.85 gallons) keeps water off the field and away from the athlete making rain delays a thing of the past. If field construction is engineered properly with an adequate rain water collection system, it should be a rarity that a game is ever delayed or canceled due to water on the field.



# LIFE-CYCLE COSTS Unharmd When the Turf is Replaced

## Benefits

- Panels can be reused multiple times\* when replacing turf
- Panels do not need to be removed and repositioned when a new turf is installed\*
- Sub-base does not need to be regraded between installations\*
- Significantly less base work and aggregate are required resulting in lower fuel costs and associated emissions.
- Heavy equipment will not damage or displace the panels during field removal and installation\*
- Protects your investment. State-of-the-art engineering manufacturing allows for reuse and relocation.

\* Provided that the sub base is stable and of good quality.



## Features

- Interlocking design minimizes lateral and vertical movement so the panels stay in place
- Patented design allows for the use of less fill
- Cell structure provides uniform load distribution
- Sturdy design supports heavy equipment
- Panels won't degrade during use, reuse or relocation

## UltraBaseSystems in Action

“Built to last” is something we take great pride in. Too often companies over promise and under deliver. Each UltraBaseSystems panel is engineered and manufactured to deliver years of consistent play and economical savings as a result of our commitment to engineering and manufacturing quality. And remember, each UBS panel can be used over and over again.

ATHLETIC FIELDS



# LOAD BEARING

Tough Enough to Drive On

## Benefits

- Heavy equipment will not damage or displace the base or turf during installation, maintenance and on-field emergency operation



## Features

- Sturdy design supports heavy equipment
- Interlocking panels minimize lateral and vertical movement so the base stays in place
- Cell structure provides uniform load distribution
- Patented barb design helps to keep turf in place when subjected to rolling load
- Installed panel system eliminates sub-base ruts caused by vehicle movement.

## UltraBaseSystems in Action

UltraBaseSystems panels are engineered to deliver high pounds per square inch load bearing capacity providing a semi-rigid to rigid base structure under your turf system. The structural integrity of each panel helps prevent vehicular loads from distorting the sub base and creating unwanted and potentially dangerous surface irregularities.



**UltraBaseSystems®**

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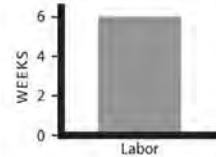
# COST SAVINGS The Most Cost Effective Base Money Can Buy

## Benefits

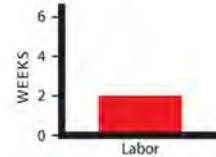
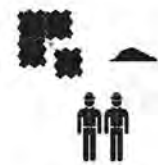
- Turf Savings
  - Added field design flexibility
  - Lower pile height. Less infill
- Quicker, more efficient base and turf installation
  - Modularity and easy interlocking panels
  - Base does not need to be repositioned when a new turf is installed
  - Mitigates sub-base irregularities
- Base does not need to be removed when a new turf is installed
  - Reinstalls are much quicker and more economical
- More on-field usage
  - Tough design enables more on-field usage
  - Investment Protection (Leaseability, carbon footprint, relocation)



### Traditional Methods



### UltraBaseSystems Method



More jobs completed in less time = larger turf volumes + greater revenues

## Features

- Less infill required. Lower pile height
- Interlocking modular panels ensure a high quality turf installation
- Patented design supports heavy equipment simplifying turf installation
- Panels won't degrade

## UltraBaseSystems in Action

It stands to reason that if less site preparation is required due to the engineered design of each UltraBaseSystems panel, then less labor and man hours will be required to complete an installation. This reduction in time saves costly labor and expensive equipment rentals. The result being a high quality safety and performance-driven field constructed in far less time putting teams back on the field sooner while allowing contractors to sell and install more turf per month.



# SUSTAINABILITY

Proven Environmental Sustainability

## Benefits

- No need to ever landfill UltraBaseSystems panels
- 100% Post consumer recycled content in every panel
- Saves fuel resulting in reduced carbon footprint



## Product Features

- Panels can be reused multiple times translating into significant environmental benefits and cost savings
- Panels can be repurposed and recycled to make new products
- Made from 100% post consumer recycled thermoplastic resin
- Base constructed with UltraBaseSystems panels requires significantly less aggregate and base work resulting in fuel savings and reduced emissions



## UltraBaseSystems in Action

If constructing a field using a traditional 6 inch stone base, an estimated 300 trips of removing earth to a landfill site and 300 trips returning from a quarry with stone will be required compared to two or three trucks loaded with UltraBaseSystems panels. A reduction of nearly five times the CO2 emissions released into the atmosphere can be realized.

For over ten years our companies have been committed to using 100% recycled/recyclable materials in the production of the UBS panel system. The result is millions of pounds of material being spared from the landfill thus providing years of enjoyment for athletes of all ages and skill levels.



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