

UltraBaseSystems®

PROFESSIONAL PANEL

UltraBaseSystems is first and foremost a STRUCTURALLY engineered sub base replacement system which successfully addresses the safety, drainage and aesthetic demands of an entire industry. From athletic fields to residential landscaping installations, putting greens to pet areas, concrete paver installations to athletic courts, UBS Professional Panels cover all of your base requirements.

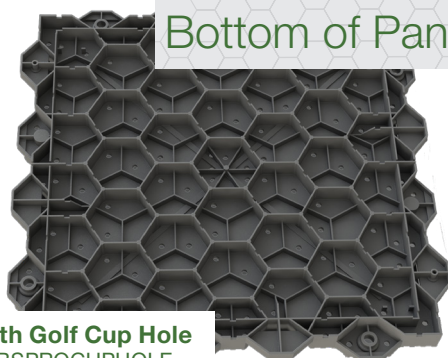
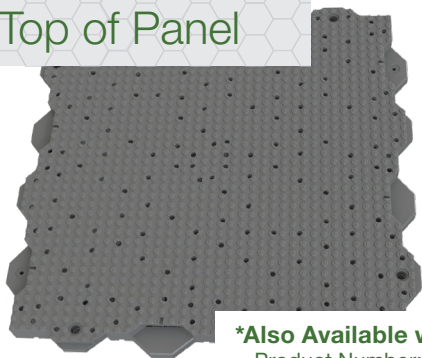
Product Number: UBSPRO

PANEL DIMENSIONS: Actual panel dimension: 30" x 30" x 1.25"/762mm x 762mm x 31.6mm |
Square footage area once installed: 28" x 28" x 1.25"/ 711.2mm x 711.2mm x 31.6mm = 5.44 ft.² / 505 sq m
PANEL WEIGHT: Average panel weight: 2.44 pounds/1.10kg per sq ft - 10.6 lbs / 4.80 kg per panel

US Patent # 7,516,587 | US Patent # 7,930,865 | CA Patent #2,663,050 | RA Patent #2410508 | Additional US and Foreign Patents Pending

Isometric View,
Top of Panel

Isometric View,
Bottom of Panel



***Also Available with Golf Cup Hole**
Product Number:UBSPROCUPHOLE

The structural superiority of the panel is designed to dramatically reduce the need for extensive site preparation both indoors and outdoors, creating a base structure capable of supporting enormous loads while providing greatly improved GMAX and HIC impact numbers resulting in SAFER and more predictable playing surfaces. Large water flow volumes both vertically and horizontally are achieved with UBS Professional creating a base system capable of rapidly directing rainwater away from the turf and the players. Perfect planarity and the UBS patented non-slip turf barbs all help to create a base unlike anything the market has ever seen.

PALLET AND BOX DIMENSIONS AND VOLUMES:

Box of 8: 32"x31"x12"--85 lbs 81cm x 78 cm x 30 cm - 39 kg
Pallet of 36: 60"x 30"x30" -- 405 lbs 152cm x 76 cm x 76 cm - 184 kg
Pallet of 70: 60"x30"x50" -- 765 lbs 147cm x 76 cm x 132 cm - 347 kg

TRUCK & CONTAINER VOLUMES:

20ft. Container: 1,400 panels=7,616 sq ft./708 sq. m.
40ft. High Cube: 2,800 panels=15,232 sq. ft./1,415 sq. m.
53ft. Truck: 3,920 panels = 21,325 sq. ft./1,981 sq. m.

*All Measurements are per truck



ULTRABASESYSTEMS®

A DIVISION OF **IBT**

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

MADE IN USA



Proudly made in the USA from recycled and recyclable materials.

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

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PROFESSIONAL PANEL

at a Glance

GMAX

When installed on a compacted stone base without turf, UltraBaseSystems Professional Panel achieves a GMAX rating of 133.

ASTM and FIFA Standards

When paired with an approved turf/infill system, UltraBaseSystems Professional Panel meets or exceeds ASTM, FIFA* and FIFA** standards for GMAX, Vertical Deformation, Force Reduction, Energy Restitution and Rotational Resistance.

Independent test results are available at: www.UltraBaseSystems.com/panel-technology/test-results

Vertical Drainage

Single panel flow rate 341 inches per hour (866 cm/hr).

Horizontal Evacuation Rate

Single panel rain fall evacuation 96.4 inches per hr (245 cm/hr).

Load Capacity

Static load capacity for the weakest location of the panel is equivalent to 1335 psi (93.86 kgf/cm²) at 70°F (21°C). Load values when placed over a full descending cellular rib 1664 psi (117 kgf/cm²).

Shear Resistance

UBS patented turf barbs provide 3 x the grip strength for turf stability as compared to a rock base.

Vertical Ball Bounce Soccer

The result 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* Standard.

Vertical Ball Bounce Baseball

The average for synthetic grass field was 0.241m (.791ft). The adjacent natural turf field was subject to two drop locations for comparison purposes. The average at each location was 0.223m (.732ft) and 0.23m (.754ft) with an average of 0.227m (.745ft).

Ball Roll Test

The result 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* Standard.

Storage Capacity

Single panel fluid storage capacity = 3.58 gallons (13.55 Liters).

Expansion

IBT patented locking feature allows adequate expansion between panels to prevent panel distortion when properly installed. Expected expansion per panel at 140F (60C) is 3/32" (.24 cm).

Displacement

UBS Pro panel yielded 50-53% less deflection under vehicular load than 6 inches (15.24 cm) of 95% compacted stone.

Insulation/R Factor

Complete UBS System with turf R3.44.



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