

Champion Panel

The industry spoke, we listened and created a new panel with all the engineering accomplishments of the Professional panel but at a new, lower price point. Designed at just $\frac{3}{4}$ of an inch high, the Champion panel delivers amazing strength underfoot while providing the safety and performance athletes and their moms demand.

Product Number: UBSCHAMP

Panel Dimensions: Actual panel dimension 30" x 30" x .75" / 762mm x 762mm x 19.05 mm

Square footage area once installed: 28" x 28" x .75" / 711.2mm x 711.2mm x 19.05 mm = 5.44 ft² / .505 M²

Panel Weight: Average panel weight: 1.03 pounds sq ft / 4.94 kg per sq m 5.64 lbs per panel / 2.55 kg

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



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 Champion 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 14: 32"x31"x12" – 80 lbs 81cm x 78 cm x 30 cm 36.28 kg

Pallet of 62: 58"x30"x29" – 410 lbs 147 cm x 76 cm x 73 cm 186 kg

Pallet of 116: 58"x30"x52" – 715 lbs 147cm x 76 cm x 132 cm 324 kg

Truck & Container Volumes:

20 ft. container: 2,416 panels = 13,143 sq. ft. / 1221sq. m. | 40 ft. high cube: 5,504 panels = 29,941 sq. ft. / 2781 sq. m.

53 ft. truck: 7,590 panels = 41,289 sq. ft. / 3835sq. m. per truck

**All Measurements are per truck*



UltraBaseSystems® Champion Panel At a Glance

GMAX

When installed on a compacted stone base without turf, UltraBaseSystems Champion Panel achieves a GMAX rating of **119**.

ASTM and FIFA Standards

When paired with an approved turf/infill system, UltraBaseSystems Champion 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 1582 inches per hour (4018 cm/hr).

Horizontal Evacuation Rate

Single panel rain fall evacuation 126 inches per hr (320 cm/hr).

Load Capacity

Static load capacity for the weakest location of the panel is equivalent to 374 psi (26.3 kgf/cm²) at 70°F (21°C). Load values when placed over a full descending cellular rib 998 psi (70.17 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 Rebound

When paired with the proper synthetic turf and fill requirements, UBS Champion meets the FIFA2* requirements.

Storage Capacity

Single panel fluid storage capacity = 1.85 gallons (7 Liters).

Expansion

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