

Part Number: UBSCOURTBASE

Professional Court Base Panel

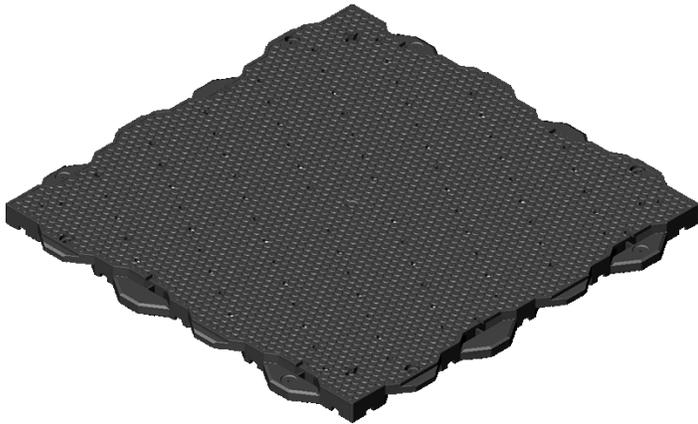
UltraBaseSystems® is first and foremost a STRUCTURALLY engineered sub base replacement system which successfully addresses the safety, drainage and aesthetic demands of an entire industry. From athletic courts and fields to residential landscaping installations, putting greens to pet areas, concrete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

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: 2.00 pounds/.90kg per sq ft 10.89 lbs/4.94 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



In an industry which has predominantly relied on a concrete base structure, the UltraBaseSystems Professional Court Base panel offers a long overdue economical and ecological advantage. The ever-demanding need to conserve water as well as zone restrictions for impermeable base structures has catapulted UltraBaseSystems Professional Court Base panel to the forefront of the industry. The structural superiority of the panel, its unprecedented vertical and horizontal drainage capacity and the ability to install in virtually any location regardless of site limitations make UltraBaseSystems® the new "go to" product in the court construction industry.

Pallet and Box Dimensions and Volumes:

Box of 8: 32"x31"x12"--89 lbs 81cm x 78cm x 73cm 40.36kg
Pallet of 36: 58"x 30"x29" -- 453 lbs 147cm x 76cm x 73cm 205.47kg
Pallet of 70: 58"x30"x52" -- 822 lbs 147cm x 76cm x 132 cm 372.85kg

Truck & Container Volumes:

20ft. Container: 1,432 panels=7,790 sq ft./723 sq. m. | 40ft. High Cube: 3,316 panels=18,039 sq. ft./1675 sq. m.
53ft. Truck: 4,560 panels = 24,806 sq. ft./2304 sq. m.

**All Measurements are per truck*



UltraBaseSystems® Professional Court Base Panel At a Glance

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 panel barbs keep sport tiles from sliding during play.

Storage Capacity

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

Expansion

IBT patented locking feature allows adequate expansion between panels to prevent panel distortion when properly installed. Expected expansion per panel at 140°F (60°C) 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.