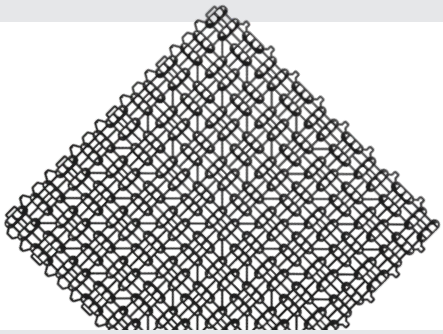
ULTRA BASE SYSTEMS

PRODUCT SPECIFICATION SHEET



UB Air™ Panel

An advanced geocell solution for modern artificial turf construction. UB Air™ provides rapid water drainage, collection, retention, and reuse for sports fields, pet areas, playgrounds, rooftops and more.

Made from 100% recycled content, UB Air™ combines high-performance water management with a more sustainable approach to artificial turf construction.

Tile Dimensions	32" x 32" x 1" 7.11 Sq. Ft.
Weight	3.1 LB
Ease of Install	Quick and simple process requiring minimal tools and machinery
Construction	Open cell design
Resin	100% Recycled (PIR) Copolymer with impact modifier (no Break) polymer
Color	Black
Warranty	Limited Lifetime Warranty
Drainage	Approx. 50 Gallons a minute per square foot

Maximum Drainage
Permeable design allows for moisture to drain meeting most county codes of ordinance

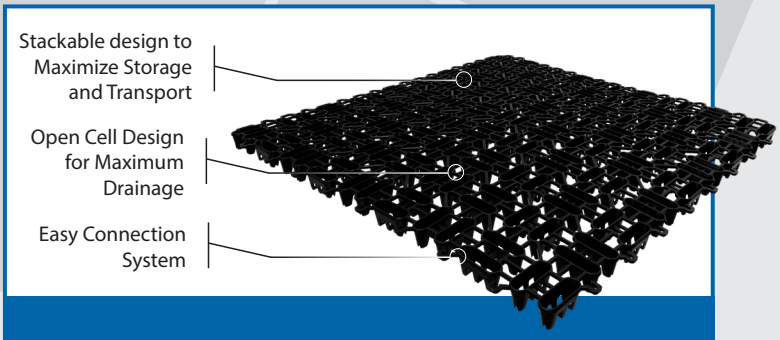
Economical Choice
Most cost effective option compared to construction aggregates

Recycled Material
Made from 100% recycled materials

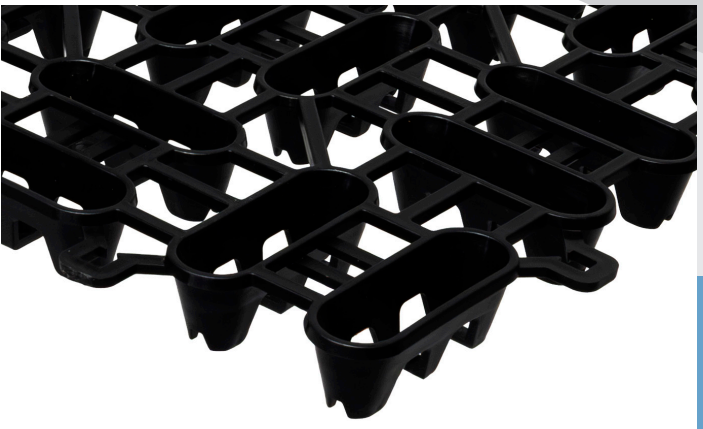
Drainage

Comfort

Durability



Learn more at ultrabasesystems.com



Recommended Uses:

Landscape — Pet Park — Sports Fields — Rooftop

MADE IN USA

ULTRA BASE SYSTEMS

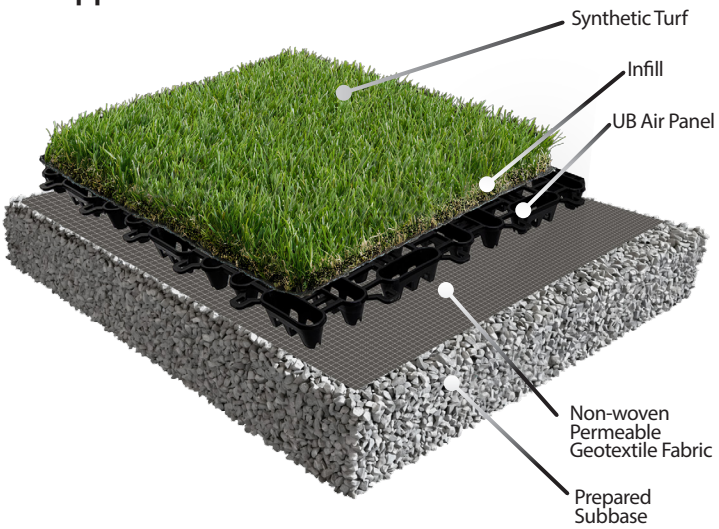
For ordering and questions, contact Ultra Base Systems at 866-921-7888 or visit ultrabasesystems.com

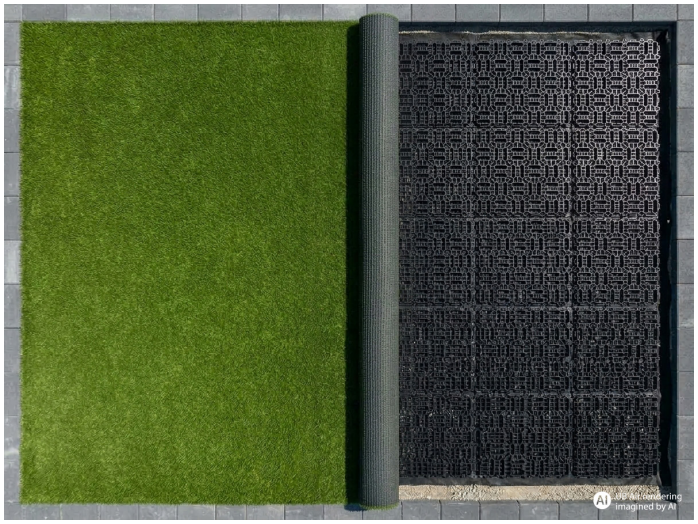
ULTRA BASE SYSTEMS

UB Air™ Panel

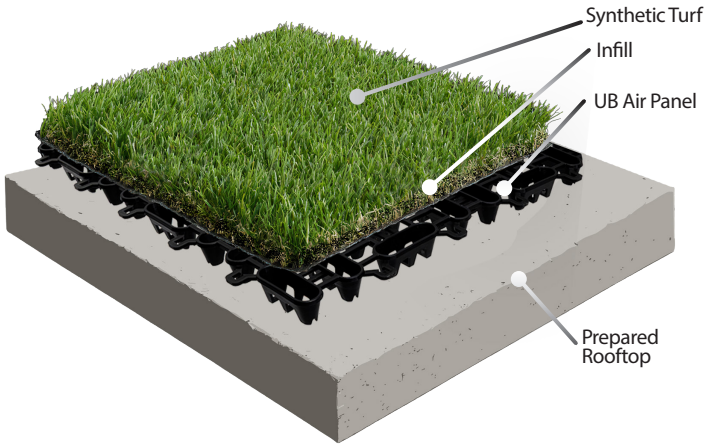


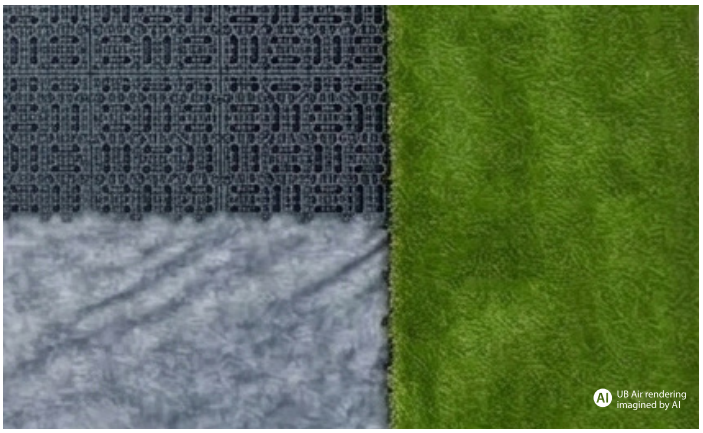
Pet Application





Rooftop Application







Additional Specs:

ASTM and ISO

Physical	Data Value	Test Method
Specific Gravity	1.07 g/cm3	ASTM D792
Melt Flow Rate (230°C using 216 Kg)	17.51 Grams/10 minutes	ASTM D1238
Mechanical	**Data Value**	**Test Method**
Average Density	66.49 lb/ft3 / 1.065 g/cm3	ASTM D1505
Tensile Elongation Average (70°F)	18.00%	ASTM D638
Impact	**Data Value**	**Test Method**
Notched Izod Pendulum Impact Resistance	-	ASTM D256
21 C Test	35.6 Kj/M2	ASTM D256
-30 C Test	25.9 Kj/M2	ASTM D256
Thermal	**Data Value**	**Test Method**
Deflection Temperature Under Load	-	ASTM D648
Force Applied (.455 Mpa)	165.02˚F / 73.9˚C	ASTM D648
Force Applied (1.82 MPa)	118.4˚F / 48.0˚	ASTM D648
UL 94 Flame Rating	V-0	UL 94

GMAX

Concrete Base	Data Value	Test Method
Infilled 1.25 lbs./ft2 with 3.0lbs./ft2 SBR	125	Drop2
Turf over panel over concrete	131	Drop3
	128	Avg
Concrete Base	**Data Value**	**Test Method**
Infilled 1.25 lbs./ft2 with 3.0lbs./ft2 SBR	107	Drop2
Turf over 4 oz filter fabric, over panel, over 10 oz filter fabric, over concrete	110	Drop3
	109	Avg
Aggregate Base	**Data Value**	**Test Method**
Infilled 1.25 lbs./ft2 with 3.0lbs./ft2 SBR	76	Drop2
Turf over panel over aggregate	87	Drop3
	82	Avg
Aggregate Base	**Data Value**	**Test Method**
Infilled 1.25 lbs./ft2 with 3.0lbs./ft2 SBR	74	Drop2
Turf over panel over aggregate	80	Drop3
	77	Avg