

EXCELDRAIN™

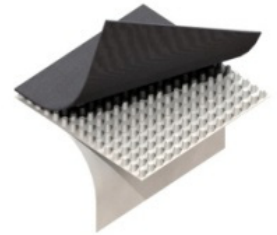
100 / 200 Sheet Drain

EXCELDRAIN™ 100 & 200 offer full surface drainage solutions for synthetic turf applications. This patented three-part pre-fabricated system consists of a high compressive strength, solid formed polystyrene core with a non-woven polypropylene filter fabric on the dimple side and a cushioning fabric on the back side. The filter fabric allows water to pass freely into the core while restricting the movement of rubber or other particles that might clog the core. The cushioning fabric provides sound insulation for the playing surface. EXCELDRAIN 100 is designed for use in single sided applications and provides added water protection to sub-base materials. The core transports the collected water to designated drainage channels. This high compressive strength, non-absorbent geocomposite drain is made from recycled materials.

EXCELDRAIN™ 200 is manufactured with a perforated core to allow two-sided drainage. Constructed with the same design as the EXCELDRAIN100, the EXCELDRAIN 200 is installed along sidelines or over areas containing the perimeter drains that transport the collected water. The perforated core design allows the collected water to transition directly to the perimeter drains.

TECHNICAL DATA

Physical Property	Unit of Measure	Typical Value	ASTM Test Method
FABRIC – (PP)			
Grab Tensile	lbs (kN)	120 (535)	D 4632
Puncture Strength	lbs (kN)	70 (310)	D-3787
EOS (AOS)	sieve (micron)	70 (210)	D-4751
Flow Rate	gpm / ft ² (lpm / m ²)	175 (6655)	D-4491
CORE – (HIPS)			
Thickness	in (mm)	7/16 (11)	D-1777
Compressive Strength	lbs/ft ² (kN/m ²)	25,000 (1200)	D-1621*
Flow Capacity per unit width	gpm/ft (lpm/m)	16 (200)	D-4716
Expansion Coefficient - 4.42×10^{-5} in/in per °C			
G-Max		92	F355-01
*ASTM 1621 - Modified			



PACKAGING:

Roll Size – 4' x 120'

Roll Lay Width – 46 1/4" :

Roll Coverage Area – 465 SF / Roll



RECYCLED CONTENT:

EXCELDRAIN 100 & 200 Sheet Drain products are manufactured with post industrial recycled content

All information, drawings and specifications are based on the latest product information available at the time of printing. Due to constant improvement and engineering progress AWD reserves the right to make changes without notice. All physical properties are typical values. Standard variations of 10% in mechanical properties and 20% in hydraulic properties are considered normal.

WARRANTY & LIMITATIONS:

Contact AWD for detailed warranty and limitation information.