Ultra-Shield™ Sheet Drain 200 / 220

(#56-200 / #56-220)

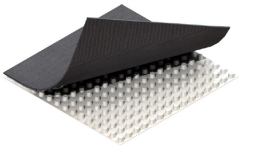
Ultra-Shield Sheet Drain 200/220 is designed for vertical wall, single sided drainage applications. The moderate compression strength and flow rate is ideal for light commercial and residential applications. Ultra-Shield Sheet Drain 200/220 also functions as a protection course to waterproofing membranes and can be used horizontally under floor slabs.

The three-dimensional molded core is covered with a nonwoven polypropylene filter fabric. The fabric is bonded to each dimple and retains soil particles while allowing maximum water collection into the drainage core. The core provides an uninterrupted path for water to flow to designated drainage exits.

Ultra-Shield Sheet Drain 220 has a polymeric film bonded to the back side of the core to offer additional protection to soft waterproofing membranes.

TECHNICAL DATA			200 / 220
Physical Properties	ASTM Test Method	Unit of Measure	Typical Value
FABRIC			
Material [1]			PP
Water Flow Rate	D-4491	gpm/ft²	165
		Lpm/m²	6,724
Grab Tensile Strength	D-4632	lbs	100
		N	445
Puncture Resistance	D-4833	lbs	65
		N	289
Apparent Opening Size	D-4751	sieve	70
		mm	0.21
Grab Elongation	D-4632	%	65
UV Resistance	D-4355	% / 500 Hrs	70
CORE			
Material [1]			HIPS
Thickness	D-1777	in	0.25
		mm	6.35
Compressive Strength	D-1621	psf	11,000
		kPa	527
Flow Rate [2]	D-4716	gpm/ft	12.5
		Lpm/m	155
Recycled Content			74% / 71%

1- PP = Polypropylene; HIPS = High Impact Polystyrene
2 - In-plane flow rate measured at 3,600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.



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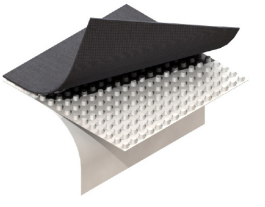

220

PACKAGING

- 4′ x 50′ Rolls
- 6 Rolls per pallet

All information, drawings and specifications are based on the latest product information available at the time of printing. Constant improvement and engineering progress make it necessary that we reserve the right to make changes without notice. All physical properties are typical values unless otherwise stated. Standard variations in mechanical properties of 10% and in hydraulic properties of 20% are normal.

RECYCLED MATERIALS

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