

CCW MiraDRAIN 8000 MATERIAL CERTIFICATION

This is to certify that CCW MiraDRAIN 8000 is a high-performance, chemical resistant, rigid PVC drainage composite consisting of a three-dimensional, high-impact PVC core, and a woven filter fabric. CCW MiraDRAIN 8000 is Made in the USA.

CCW MiraDRAIN 8000 meets the following ASTM typical property values and specification requirements:

Core	Test Method	Unit	Typical Value
Thickness	ASTM D 1777	(in) mm	0.40 (10.16)
Compressive Strength	ASTM D 1621 (mod)	gpm/ft ² (l/min/m)	18,000 (862)
Maximum Flow Rate ¹	ASTM D 4716	psf (kPa)	21 (260)
Installed Vertically ²	ASTM D 4716	gpm/ft ² (l/min/m)	18.5 (230)
Installed Horizontally ³	ASTM D 4726	gpm/ft ² (l/min/m)	3.8 (47)
Filter Fabric (FW 402)	Test Method	Unit	Woven
Apparent Opening Size	ASTM D4751	40 (0.42)	40 (0.43)
Water Flow Rate	ASTM D4491	gpm/ft ² (l/min/m)	145 (5,907)
Grab Tensile Strength	ASTM D 4632	lbs (N)	365 (1,624)
Grab Elongation	ASTM D 4632	%	24
CBR Puncture Strength	ASTM D 4833	lbs (N)	675 (3,004)

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