

CCW MiraDRAIN 9800 CERTIFICATION

This is to certify that Carlisle Coatings & Waterproofing CCW MiraDRAIN 9800 is a high-strength drainage composite consisting of a three-dimensional, high-impact polystyrene core, and heavy-weight nonwoven filter fabric. The filter fabric is bonded to the individual dimples of the molded polystyrene core. This fabric provides unmatched filtration preventing small particles of soil from clogging the drainage channel. CCW MiraDRAIN 9800 is Made in the USA.

CCW MiraDRAIN 9800 meets the following ASTM typical property values and specification requirements:

MiraDRAIN 9800	Test Method	Unit	Typical Value
Thickness	ASTM D 1777	in (mm)	0.40 (10.16)
Compressive Strength	ASTM D 1621 (mod)	psf (kPa)	18,000 (862)
Maximum Flow Rate	ASTM D 4716	gpm/ft (l/min/m)	17.5 (219)
Installed Horizontally	ASTM D 4716	gpm/ft (l/min/m)	15.5 (193)
Installed Vertically	ASTM D 4716	gpm/ft (l/min/m)	3.0 (38)
Fabric	Test Method	Unit	
Apparent Opening Size	ASTM D 4751	U.S. Std Sieve (mm)	80 (0.18)
Water Flow Rate	ASTM D 4491	gpm/ft ² (l/min/m)	95 (3870)
Grab Tensile Strength	ASTM D 4632	lbs (kN)	205 (912)
Grab Elongation	ASTM D 4632	%	50
CBR Puncture Strength	ASTM D 6241	lbs (kN)	500 (2224)

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