

CCW MIRADRAIN HC CERTIFICATION

This is to certify that the Carlisle Coatings & Waterproofing MiraDRAIN HC is a high-flow drainage composite consisting of a 1" thick, three-dimensional, high-impact polystyrene core wrapped with a nonwoven filter fabric. MiraDRAIN HC is Made in the USA.

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

HC-DRAIN	Test Method	Unit	Typical Value
Thickness	ASTM D 1777	in (mm)	1.0 (25.4)
Compressive Strength	ASTM D 1621	psf (kPa)	9,500 (455)
Maximum Flow Rate	ASTM D 4716	gpm/ft (l/min/m)	21 (260)
Non-Woven Filter Fabric	Test Method	Unit	MARV*
Apparent Opening Size	ASTM D 4751	US Std Sieve (mm)	70 (0.212)
Water Flow Rate	ASTM D 4491	gpm/ft ² (l/min/m ²)	140 (5,704)
Grab Tensile Strength	ASTM D 4632	lbs. (N)	100 (445)
Puncture Strength	ASTM D 4833	%	250 (1,113)
Grab Elongation	ASTM D 4632	%	60

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