

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 polypropylene core wrapped with a nonwoven filter fabric. The filter fabric is bonded to the individual dimples of the molded polystyrene core to minimize fabric intrusion into the flow channels caused by backfill pressure. CCW MiraDRAIN HC is Made in the USA.

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

CCW MiraDRAIN HC	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)
In Plane Flow Rate	ASTM D 4716	gpm/ft (l/min/mm)	30 gpm/ft
Non-Woven Filter Fabric	Test Method	Unit	MARV*
Apparent Opening Size	ASTM D 4751	US Std Sieve (mm)	40
Water Flow Rate	ASTM D 4491	gpm/ft ² (l/min/m)	110 gpm/ft ²
Grab Tensile Strength	ASTM D 4632	lbs. (N)	100 (445)
CBR Puncture Strength	ASTM D 6241	lbs. (N)	250 (1,113)
Grab Elongation	ASTM D 4632	%	50

Rev December 10, 2020