

CCW MIRADRAIN 2000 CERTIFICATION

This is to certify that the CCW MiraDRAIN 2000 is an intermediate-flow drainage composite, consisting of a polypropylene core and a nonwoven filter fabric. The filter fabric is bonded to the individual dimples of the molded polypropylene core to minimize intrusion into the flow channels caused by backfill pressure. CCW MiraDRAIN is Made in the USA.

The CCW MiraDRAIN 2000 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) | psf (kPa) | 11,000 (527 kNm ²) |
| Maximum Flow Rate | ASTM D 4716 | gpm/ft e | 18 gpm/ft |
| Fabric | Test Method | Unit | Typical Value |
| Apparent Opening Size | ASTM D 4751 | US Std Sieve (mm) | 40 Sieve |
| Water Flow Rate | ASTM D 4491 | gpm/ft ² (l/min/m) | 110 gpm/ft ² (4,481) |
| Grab Tensile Strength | ASTM D 4632 | lbs (N) | 100 (445) |
| Grab Tensile Elongation | ASTM D 4632 | % | 50 |
| CBR Puncture Strength | ASTM D 6241 | lbs (N) | 250 lbs (1,113N) |

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