

CCW MiraDRAIN GR9400 CERTIFICATION

This is to certify that Carlisle Coatings & Waterproofing CCW MiraDRAIN GR 9400 is a high-capacity retention/drainage composite consisting of a three-dimensional, high-impact polystyrene core with holes allowing water retention and drainage. The moisture retention mat fabric is bonded to the individual dimples of the molded polystyrene core. The moisture retention mat also serves as a filter medium to prevent the passage of particles into the water reservoirs while allowing excess water to pass freely into the drainage system. CCW MiraDRAIN GR 9400 is Made in the USA.

CCW MiraDRAIN GR 9400 meets the following ASTM typical property values and specification requirements:

| MiraDRAIN 9900 | Test Method | Unit | Typical Value |
|------------------------|-------------|---|---------------|
| Thickness | ASTM D 1777 | in (mm) | 1" (25.4) |
| Compressive Strength | ASTM D 1621 | psf (kPa) | 9,500 (455) |
| Maximum Flow Rate | ASTM D 4716 | gpm/ft ² (l/min/m) | 82 (1,300) |
| Installed Horizontally | ASTM D 4716 | gpm/ft ² (l/min/m) | 21 (260) |
| Water Holding Capacity | - | lbs/ft ² (l/m ²) | 1.63 (7.97) |
| Fabric | Test Method | Unit | |
| Apparent Opening Size | ASTM D 4751 | U.S. Std Sieve (mm) | 100 (0.149) |
| Flow Rate | ASTM D 4491 | gpm/ft ² (l/min/m ²) | 75 (3,055) |
| Grab Tensile Strength | ASTM D 4632 | lbs (kN) | 300 (1.33) |
| Grab Elongation | ASTM D 4632 | % | 50 |
| Puncture Strength | ASTM D 4833 | lbs (kN) | 175 (0.78) |

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