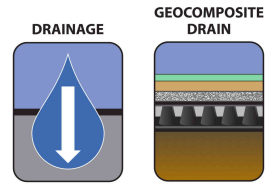




# AWD SITEDRAIN 188

## Prefabricated Drainage Composite



- Core Type:** Solid, Dimpled Polymeric
- Core Compressive Strength:** High
  - 18,000 psf
- Fabric Type:** Needle-punched nonwoven
  - Single Sided
  - AASHTO Class 1
- Flow Rate:** High
  - Core: 21 g/min/f<sup>2</sup>
  - Fabric: 100 g/min/f<sup>2</sup>

Product meets the following M.A.R.V. values:

| PROPERTY  | TEST METHOD        | ENGLISH                  | METRIC                     |
|---|--------------------|--------------------------|----------------------------|
| Grab Tensile Strength <span>Geotextile</span>     | <u>ASTM D-4632</u> | 205 lbs                  | 912 N                      |
| CBR Puncture <span>Geotextile</span>              | <u>ASTM D-6241</u> | 535 lbs                  | 2,381 N                    |
| Trapezoidal Tear <span>Geotextile</span>          | <u>ASTM D-4533</u> | 80 lbs                   | 356 N                      |
| Apparent Opening Size <span>Geotextile</span>     | <u>ASTM D-4751</u> | 80 US Sieve              | 0.177 mm                   |
| Permittivity <span>Geotextile</span>              | <u>ASTM D-4491</u> | 1.4 Sec <sup>-1</sup>    | 1.4 Sec <sup>-1</sup>      |
| Water Flow Rate <span>Geotextile</span>           | <u>ASTM D-4491</u> | 100 g/min/f <sup>2</sup> | 4,074 L/min/m <sup>2</sup> |
| UV Resistance @ 500 hours <span>Geotextile</span> | <u>ASTM D-4355</u> | 70 %                     | 70 %                       |
| Thickness <span>Core</span>                       | <u>ASTM D-5199</u> | 0.4 inches               | 10.16 mm                   |
| Water Flow Rate <span>Core</span>                 | <u>ASTM D-4716</u> | 21 g/min/f <sup>2</sup>  | 261 L/min/m <sup>2</sup>   |
| Compressive Strength <span>Core</span>            | <u>ASTM D-1621</u> | 18,000 p/f <sup>2</sup>  | 862 kPa                    |

<sup>(1)</sup> Maximum average roll value (MaxARV).

<sup>(2)</sup> In-plane flow rate measured at 360 psf compressive load and a hydraulic gradient of 1.0.

## AWD SITEDRAIN 188 Shipping & Packaging Information

| SIZE     | DIAMETER | WIDTH | WEIGHT | AREA               | ROLLS PER TRAILER |
|----------|----------|-------|--------|--------------------|-------------------|
| 4' x 50' | 16"      | 4'    | 53 lbs | 200 f <sup>2</sup> | 312               |
| 6' x 50' | 16"      | 6'    | 71 lbs | 300 f <sup>2</sup> | 182               |

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