

# TERRA 8 oz

## Non-Woven Needle-Punched Geotextile

Heavy-duty grade for driveways, access roads, and demanding stabilization work.

**TERRA 8 oz** is manufactured from premium polypropylene staple fibers that are mechanically bonded through a needle-punching process, then thermally bonded and calendered on both sides. The result is a robust, flexible, and dimensionally stable fabric with optimal pore sizes, high permeability, and strong resistance to the chemicals and biological degradation commonly found in soils.

### PERFORMANCE HIGHLIGHTS

#### Built for heavy loads

205 lb grab strength in both directions for vehicle traffic and deep aggregate.

#### Maximum puncture resistance

500 lb CBR rating handles riprap, crushed stone, and construction traffic.

#### Tighter filtration

0.16 mm apparent opening size locks fines in place under sustained flow.

#### Dimensionally stable

Needle-punched and thermally bonded so the fabric holds its shape in the ground.

### TECHNICAL DATA

| PROPERTY                    | TEST METHOD | UNIT                 | TYPICAL VALUE                |
|-----------------------------|-------------|----------------------|------------------------------|
| Mass per Unit Area          | ASTM D5261  | oz/yd <sup>2</sup>   | <b>8.0</b>                   |
| Grab Tensile Strength       | ASTM D4632  | lbs                  | <b>MD 205 CD 205</b>         |
| Grab Elongation             | ASTM D4632  | %                    | <b>MD &gt; 50 CD &gt; 50</b> |
| Trapezoid Tear Strength     | ASTM D4533  | lbs                  | <b>MD 85 CD 85</b>           |
| CBR Puncture Resistance     | ASTM D6241  | lbs                  | <b>500</b>                   |
| Apparent Opening Size (AOS) | ASTM D4751  | mm                   | <b>0.16</b>                  |
| Water Flow Rate             | ASTM D4491  | l/min/m <sup>2</sup> | <b>3,300</b>                 |

### APPLICATIONS

|                          |                          |
|--------------------------|--------------------------|
| Driveways & access roads | Heavy stabilization      |
| Retaining walls          | Riprap & erosion control |
| Equipment yards          | Drainage & separation    |

### PRODUCT DETAILS

|                |                                                                                           |
|----------------|-------------------------------------------------------------------------------------------|
| Color          | <b>Black</b>                                                                              |
| Surface finish | <b>Calendered, both sides</b>                                                             |
| Roll sizes     | <b>Multiple widths and lengths, see <a href="https://thedotday.com">thedotday.com</a></b> |

**TERRA FAMILY**   TERRA 4 oz · Light duty   TERRA 6 oz · Mid weight   **TERRA 8 oz · Heavy duty**

The technical data provided is based on average values from production runs and independent testing and is offered as general guidance, not as a limited warranty or minimum average roll value (MARV). Individual test results may vary within a tolerance of plus or minus 15 percent. Confirm suitability for your specific application before installation.

**Contractor and bulk pricing available. Request a quote at [thedotday.com](https://thedotday.com) or email [rakshit@thedotday.com](mailto:rakshit@thedotday.com)**