

TERRA 6 oz

Non-Woven Needle-Punched Geotextile

Mid-weight workhorse for stabilization, drainage, and residential driveway builds.

TERRA 6 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

Strong under load 160 lb grab strength in both directions for aggregate separation under traffic.	Puncture resistant 400 lb CBR rating stands up to angular gravel and sharp fill.	Free-draining High water flow keeps base layers dry and prevents pumping of fines.	Dimensionally stable Needle-punched and thermally bonded so the fabric holds its shape in the ground.
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TECHNICAL DATA

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Mass per Unit Area	ASTM D5261	oz/yd ²	6.0
Grab Tensile Strength	ASTM D4632	lbs	MD 160 CD 160
Grab Elongation	ASTM D4632	%	MD > 50 CD > 50
Trapezoid Tear Strength	ASTM D4533	lbs	MD 60 CD 60
CBR Puncture Resistance	ASTM D6241	lbs	400
Apparent Opening Size (AOS)	ASTM D4751	mm	0.20
Water Flow Rate	ASTM D4491	l/min/m ²	4,000

APPLICATIONS

Driveways & gravel paths	Ground stabilization
Drainage & French drains	Erosion control
Soil separation	Culverts & swales

PRODUCT DETAILS

Color	Black
Surface finish	Calendered, both sides
Roll sizes	Multiple widths and lengths, see thedotday.com

TERRA FAMILY	TERRA 4 oz · Light duty	TERRA 6 oz · Mid weight	TERRA 8 oz · Heavy duty
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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 or email rakshit@thedotday.com