

NONWOVEN / SEPARATION / FILTRATION

CORE TerraTrack Lite

Lightweight nonwoven geotextile for separation and filtration



A highly permeable polypropylene nonwoven geotextile supplied by CORE in practical mini-roll formats. It separates soil from granular layers while allowing water to pass through the construction.

Range position: Best suited to small and medium landscape, drainage and groundworks applications where handling, filtration and dependable separation are the priorities.

Manufactured by Wrekin Products Ltd; supplied by CORE Civil Systems.

CORE TRP distinction: when this membrane is supplied as a component of the branded CORE TRP system, it is identified as CORE TRP 10 Membrane. General geotextile supply remains CORE TerraTrack Lite.

CBR PUNCTURE 1,100 N	WATER PERMEABILITY 120 L/(m2.s)	TENSILE MD / CMD 6.5 / 6.9 kN/m
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Declared technical performance

PROPERTY	DECLARED VALUE	TEST / BASIS
Material	Polypropylene	Manufacturer declaration
Tensile strength - MD	6.5 kN/m	EN ISO 10319
Tensile strength - CMD	6.9 kN/m	EN ISO 10319
Elongation at maximum load - MD	50%	EN ISO 10319
Elongation at maximum load - CMD	65%	EN ISO 10319
Dynamic perforation resistance	38 mm	EN ISO 13433
CBR puncture resistance	1,100 N	EN ISO 12236
Water permeability	120 L/(m2.s)	EN ISO 11058
Characteristic opening size	110 micrometres	EN ISO 12956
Predicted minimum durability	100 years	Standard / conditions not stated
Maximum allowed time	4 weeks	EN 12224 - source wording retained

MD = machine direction. CMD = cross-machine direction. Dynamic perforation and dynamic cone drop refer to the same EN ISO 13433 result in the source sheets and are shown once here.

CORE stocked formats

CORE CODE	ROLL SIZE	NOMINAL AREA*
GTERRALITE/2.25X25	2.25 m x 25 m	56.25 m ²
GTERRALITE/2.25X50	2.25 m x 50 m	112.50 m ²

*Area is calculated from nominal roll dimensions and does not allow for laps, cuts, waste or site geometry.

PRIMARY FUNCTIONS	TYPICAL APPLICATIONS
- Separation between soil and granular layers - Filtration: passage of water while retaining soil particles - Drainage interfaces in compatible build-ups - Practical mini-roll handling on smaller sites	- Paths, patios and landscape build-ups - French drains and filter drainage - Sustainable drainage and soakaway interfaces - Small parking and shed-base separation layers

General installation sequence

01 Store protected Keep rolls secure and wrapped until required. Protect from damage and unnecessary exposure.	02 Prepare the subgrade Remove shrubs, large stones and obstructions. Fill deep ruts and depressions to create a smooth support.
03 Roll out without bridging Follow the ground contours, minimise folds and keep the textile taut without stretching it across hollows.	04 Maintain continuity General guidance: overlap side-by-side rolls at least 300 mm and end-to-end rolls at least 600 mm. Increase on soft or uneven ground.
05 Place cover fill safely Do not traffic directly on exposed geotextile. End-tip onto already placed fill and spread with suitable tracked plant.	06 Protect and repair Provide at least 150 mm cover before trafficking or compaction. Patch damage with at least 1,000 mm overlap beyond it in every direction.

Specification and use notes

- Use for separation and filtration; it is not a substitute for a purpose-selected woven reinforcement geotextile.
- CORE TRP is a separately specified system. Do not substitute its membrane or other components without CORE review.
- The 100-year durability and maximum-allowed-time entries are reproduced exactly from the source sheet; project conditions are not stated there.

TRACEABILITY AND DOCUMENT STATUS

Manufacturer technical reference: TerraTrack Lite / GTERRALITE. Source sheet lists CE.

Technical performance values are transcribed from current product information supplied by Wrekin Products Ltd (trading as Geoworks) and checked on 24 August 2026. CORE Civil Systems has not independently tested these values. Confirm the current manufacturer Declaration of Performance and the product supplied before specification or installation.