

Terrafix 270R - Geotextile

Function: Filtration & Drainage.

Terrafix 270R is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. Terrafix 270R resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2-13.

Types of applications for 270R are: Subdrains, French Drains, Foundation Drains, Trench Drains, Blanket Drains.

270R provides good lateral drainage and is suitable for a wide spectrum of soil permeabilities.

Property	ASTM Test Method	Value Metric Units
Typical Geotextile Properties		
• Grab Tensile Strength	D 4632	445 N
• Grab Elongation	D 4632	50%
• Tear Resistance	D 4533	200 N
• Puncture CBR	D 6241	1320 N
• Permittivity	D 4491	2.00 sec ⁻¹
• Water Flow	D 4491	6095 l/min/m ²
• Apparent Opening Size	D 4751	0.300 mm
• U.V. Stability	D 4355	70% @ 500hrs