

Terrafix 420R - Geotextile

Function: Filtration & Drainage.

Terrafix 420R is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. Terrafix 420R 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 420R are: Subdrains, French Drains, Foundation Drains, Trench Drains, Blanket Drains.

420R used in weaker soil conditions. Used in conjunction with coarser drainage materials.

Property	ASTM Test Method	Value Metric Units
Typical Geotextile Properties		
• Grab Tensile Strength	D 4632	800 N
• Grab Elongation	D 4632	50%
• Puncture CBR	D 6241	2380 N
• Permittivity	D 4491	1.4 sec ⁻¹
• Water Flow	D 4491	4480 l/min/m ²
• Apparent Opening Size	D 4751	0.212 mm
• U.V. Stability	D 4355	70% @ 500hrs

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