

Terrafix 1200E – Protection Geotextile

Function: Filtration, Drainage, Reinforcement & Cushion.

3mm Thick

Terrafix 1200E is a 3mm thick needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. Terrafix 1200E 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 1200E are: Coastal Applications / Abrasion Resistance Requirements / Cushion Requirements as well for plastic liners to avoid punctures in a plastic liner such as EPDM, PVC, HDPE.

Property	ASTM Test Method	Value Metric Units
Typical Geotextile Properties		
• Weight (Typical)	D 5261	407 g / m ² (~12 oz/sqyd)
Thickness	D 5199	3 mm
• Grab Tensile Strength	D 4632	1470 N
• Tear Resistance	D 4533	556 N
• Grab Elongation	D 4632	50-105%
• Puncture CBR	D 6241	4115 N
• Flow Rate	D4491	3056 L/min/m ²
• Permittivity	D4491	0.90 s ⁻¹
• Permeability	D4491	0.31 cm/sec
• AOS (max MARV)	D4751	100 us sieves
• U.V. Stability	D 4355	70% @ 500hrs