

Geomembrane - Enviro Liner 6000 Series Textured

Textured Enviro Liner 6000 Series Products are Now Available With Superior Friction Properties.

Material Properties

14 Dec 2007	Enviro Liner® 6000 Textured Geomembrane Minimum Properties			
Style	ASTM	Enviro Liner® 6120	Enviro Liner® 6130	Enviro Liner® 6140
Thickness (Minimum Average)	D5994	19 mil 0.475 mm	28.5 mil 0.713 mm	38 mil 0.95 mm
Asperity Height ¹ (Minimum Average)	GM 12	10 mil 0.25 mm	10 mil 0.25 mm	10 mil 0.25 mm
Tensile Strength at Break	D638	30 ppi 5.25 N/mm	45 ppi 7.86 N/mm	60 ppi 10.5 N/mm
Elongation	D638	250%	250%	250%
Tear Resistance	D1004	11 lbs 49 N	16 lbs 71 N	22 lbs 98 N
Dimensional Stability	D1204 Max Chng	1.5%	1.5%	1.5%
Puncture Resistance	D4833	22 lbs 98 N	33 lbs 147 N	44 lbs 196 N
UV Resistance 20,000 hours (Black Styles Only)	G154 % Retained		90.5%	
Note 1: Other asperity heights are available by special order.				

Shop Seam Strengths

14 Dec 2007	Enviro Liner® 6000 Textured Geomembrane Minimum Shop Seam Strengths			
Style	ASTM	Enviro Liner® 6120	Enviro Liner® 6130	Enviro Liner® 6140
Heat Bonded Seam Strength	D6392 25.4 mm (1") Strip	37 ppi 6.5 N/mm	50 ppi 8.8 N/mm	70 ppi 12.2 N/mm
Heat Bonded Peel Adhesion Strength	D6392 25.4 mm (1") Strip	FTB 30 ppi 5.3 N/mm	FTB 45 ppi 7.9 N/mm	FTB 60 ppi 10.5 N/mm

Field Seam Strengths

14 Dec 2007	Enviro Liner® 6000 Textured Geomembrane Minimum Field Seam Strengths			
Style	ASTM	Enviro Liner® 6120	Enviro Liner® 6130	Enviro Liner® 6140
Heat Bonded Seam Strength	D6392 25.4 mm (1") Strip	30 ppi 5.3 N/mm	45 ppi 7.9 N/mm	60 ppi 10.5 N/mm
Heat Bonded Peel Adhesion Strength	D6392 25.4 mm (1") Strip	FTB 26 ppi 4.6 N/mm	FTB 40 ppi 7.0 N/mm	FTB 53 ppi 9.3 N/mm