



AUSTRALIAN-MADE TO ACT AS A WATERPROOF BARRIER

ENDURASEAL® GREEN GEOCOMPOSITE LINER

TECHNICAL DATA SHEET

Enduraseal® Green is an Australian-made drainage geocomposite liner for artificial turf, designed to prevent subgrade moisture issues and differential settlement. It features a polyethylene liner between two Bidim® Green geotextile layers, protecting against deformation and puncture from underlying materials.

- Provides separation between the subgrade and the drainage aggregate layer, preventing the migration of subgrade materials into the layer above
- Acts as a barrier to prevent water from entering the synthetic grass from the subgrade, limiting moisture variations which can lead to differential settlement
- Limits damage to the waterproof membrane with Bidim Green non-woven geotextile which also acts as a cushioning layer
- Easy to install using a glue laminating system which is available from Geofabrics that does not require site specialist skills or expertise

ENDURASEAL - TECHNICAL DATA

PROPERTY	TEST METHOD	UNIT	ES250	ES500
Composite				
Mass per Unit Area	AS 3706.1	g/m ²	600	1,100
Grab Tensile Strength	AS 3706.2	N	2,300	3,400
Grab Elongation	AS 3706.2	%	60	50
Tear Strength	AS 3706.3	N	900	1,400
Puncture Strength (CBR/Rod)	ASTM D4833	N	1,000	1,200
Geomembrane Properties				
Thickness (min. avg.)	ASTM D5199	mm	0.30	0.50
Density	ASTM D792	g/cm ³	>0.940	
Carbon Black Content	ASTM D4218	%	2-3	
Carbon Black Dispersion	ASTM D5596	Category	Cat 1 / Cat 2	
Dimensional Stability	ASTM D1204	%	± 2	
Stress Crack Resistance (NCTL)	ASTM D5397	hrs	500	
Oxidative Induction Time (Std OIT)	ASTM D3895	min	100	
Oven Ageing % OIT retained after 90 days	ASTM D5721 / ASTM D3895	%	55	
Low Temperature Brittleness	ASTM D746	°C	-77	

Visit geofabrics.co or call 1300 60 60 20 (AU)
or geofabrics.co.nz or call 0800 60 60 20 (NZ)

