

# DUX 600c Geotextile

DUX 600c is a heavy-weight 600gsm, staple-fibre, polypropylene non-woven geotextile ideal for use in the most demanding applications. The extremely high puncture, tear and abrasion resistance, incredible robustness rating (G >10,000) and the fact polypropylene is not subject to hydrolysis, makes DUX 600c ideal for use as a filter layer under very large marine beaching.

Polypropylene is the most chemically resistance polymer for geotextiles, so DUX 600c is widely used as a cushion layer under geomembrane landfill liners. The 6m wide rolls allow rapid installation and minimises overlaps and wastage.

## DUX 600c Product Data

PROPERTY	TEST METHOD	UNITS	DUX 600c
Mass	AS37067.1	g/sqm	>600
Robustness	Austrroads	"G" Rating	>10,000
Wide Width Tensile Strength	AS3706.2	kN/m	51/55
Grab Tensile	AS2001.2.3	N/50mm strip	2447/2413
CBR Burst	AS3706.4	N	9222
Trapezoidal Tear	AS3706.3	N	1368/1299
Puncture Resistance	AS3706.5	mm	15,313
Equivalent Pore Size, $O^{95}$	AS3706.7	um	<75
Permittivity	AS3706.9	S-1	0.60
Flow Rate, under 100mm head	AS3706.9	L/sqm/s	60

\* results based on BICS testing 2018



**DUX 600c as filter layer beneath marine beaching  
Williamstown Foreshore**



**DUX 600c used as replacement for 50mm sand  
cushion layer under HDPE liner.  
CFA Penshurst Evaporation Dam, Rodger Construction Feb 2018**

