

bidim[®] GREEN

PROUDLY AUSTRALIAN MADE
NON-WOVEN GEOTEXTILE



Recycled Geotextile

Recycled Wrap

Recycled Core

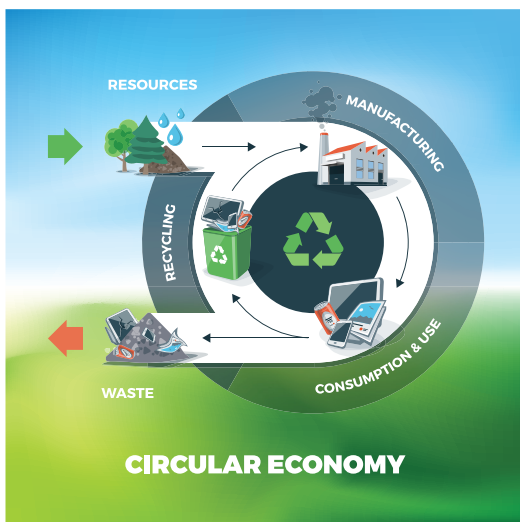
bidim[®] Green is the newest version of Australia's Number 1 geotextile – you can expect the same performance, now utilising recycled materials.

bidim[®] Green is made with Australian sourced recycled material while still leading the way in terms of technical performance and versatility. Geofabrics now offers this sustainable solution that has applications in virtually every civil engineering construction project.

bidim[®] Green nonwoven geotextiles provide an effective, economical solution to a range of engineering problems including weak soil, rutted and cracked roads and liquid and gas leaks from landfill sites.

bidim[®] Green nonwoven geotextiles provide excellent filtration, separation and cushioning properties and feature a strong three-dimensional structure with high elongation. bidim[®] Green nonwoven geotextiles also have a high melting point and high UV resistance.

All bidim[®] Green nonwoven geotextiles are manufactured in Australia to ISO 9001:2015 standards and are supported by a rigorous MQA process as well as being designed to meet the requirements of Australian and New Zealand road and rail authorities.



SECTOR SUITABILITY

GEOFABRICS[®]
Smarter Infrastructure



Roads



Rail



Coastal



Waste



Mining



Civic &
Landscaping



Ports &
Aviation



Water



Primary
Industries



Sports &
Recreation



Slopes &
Walls



Building

bidim® GREEN NON WOVEN GEOTEXTILES - A12G - A64G TYPICAL VALUES

Technical Data

TEST	STANDARD	UNITS	A12G		A14G		A24G		A34G		A44G		A64G	
Mechanical Properties														
Wide Strip Tensile Strength (MD/XMD)	AS3706.2	kN/m	8.0	8.0	11.0	11.0	14.0	14.0	18.5	18.5	26.5	26.5	37.5	37.5
Wide Strip Toughness (MD/XMD)	AS3706.2	kJ/m ²	1.5	1.5	3.1	3.1	2.7	2.7	3.5	3.5	4.8	4.8	8.2	8.2
Grab Tensile Strength (MD/XMD)	AS3706.2	N	500	500	720	720	850	850	1,270	1,270	1,850	1,850	2,620	2,620
Trapezoidal Tear Strength (MD/XMD)	AS3706.3	N	200	200	300	300	345	345	440	440	590	590	830	830
CBR Burst Strength	AS3706.4	N	1,500		2,000		2,500		3,400		4,650		6,400	
G Rating	Austrroads	-	1,200		1,550		1,900		2,510		3,500		5,100	
Hydraulic Properties														
Pore Size (095)	AS3706.7	µm	130		110		80		75		75		75	
Permittivity	AS3706.9	s ⁻¹	3.40		3.20		2.65		1.75		1.35		0.90	
Coefficient of Permeability	AS3706.9	m/s x10 ⁻⁴	43		43		43		43		43		43	
Flow Rate @ 100mm Head	AS3706.9	l/m ² /sec	340		320		265		175		135		90	

The typical values published in this leaflet are to the best of our knowledge true and correct. The product specification may change at any time without prior notice. No warranty is expressed or implied. Manufactured by Geofabrics Australasia Pty Ltd in a facility certified to the ISO 9001 Quality Management System Standard.

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