



AUSTRALIAN-MADE WITH RECYCLED MATERIAL

BIDIM® GREEN NON-WOVEN GEOTEXTILE

TECHNICAL DATA SHEET: MARV VALUES

Bidim® Green is a premium non-woven geotextile made with Australian recycled plastics and designed to assist with a range of engineering problems including separation, filtration, cushioning and drainage in roads, rail, waste and containment, water and mining applications.

- Made with a combination of recycled PET and virgin plastic material
- Excellent filtration, separation, and cushioning properties
- Strong three-dimensional structure with high elongation
- Designed to meet the requirements of Australian & New Zealand road and rail authorities
- Applicable for Road, Rail, Mining and Waste sectors



BIDIM GREEN - A14G-M - A84G-M MARV VALUES TECHNICAL DATA

PROPERTY	STANDARD	UNITS	A14G-M	A24G-M	A34G-M	A44G-M	A64G-M	A74G-M	A84G-M							
Mechanical Properties (MARV)																
Wide Strip Tensile Strength (MD/XMD)	AS3706.2	kN/m	9.0	9.0	14.0	14.0	18.5	18.5	26.5	26.5	37.5	37.5	43.5	43.5	52.0	52.0
Wide Strip Toughness (MD/XMD)	AS3706.2	kJ/m ²	1.6	2.0	2.7	3.1	3.5	3.8	4.8	5.5	8.2	8.2	8.6	8.7	14.2	13.1
Grab Tensile Strength (MD/XMD)	AS3706.2	N	600	600	850	850	1,270	1,210	1,850	1,850	2,620	2,620	3,010	3,010	4,000	4,000
Trapezoidal Tear Strength (MD/XMD)	AS3706.3	N	240	240	345	345	440	440	590	590	830	830	1,065	1,065	1200	1200
CBR Burst Strength	AS3706.4	N	1,750		2,500		3,400		4,650		6,400		7,300		9,000	
G Rating	Austrroads	-	1,300		1900		2,510		3,500		5,100		5,550		7,600	
Hydraulic Properties (Typical)																
Pore Size (O ₉₅)	AS3706.7	µm	110		80		75		75		75		75		75	
Permittivity	AS3706.9	s ⁻¹	3.20		1.80		1.65		1.20		0.90		0.60		0.55	
Coefficient of Permeability	AS3706.9	m/s x10 ⁻⁴	43		43		43		43		43		43		43	
Flow Rate @ 100mm Head	AS3706.9	l/m ² /sec	320		180		165		120		90		60		55	

The MARV 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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