

bidim® GREEN

PROUDLY AUSTRALIAN MADE
NON-WOVEN GEOTEXTILE



Recycled Geotextile

Recycled Wrap

Recycled Core

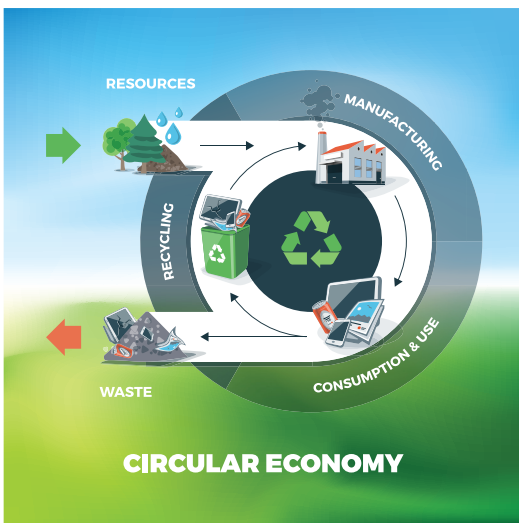
bidim® Green is the newest version of Australia's Number 1 geotextile – you can expect the same performance, now utilising recycled materials.

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

CHARACTERISTIC VALUE DATA SHEET

QLD MRTS27 & NSW RMS R63 & NZ TNZ F/7						
A GRADE	STRENGTH CLASS	GRAB TENSILE STRENGTH	TRAPEZOIDAL TEAR STRENGTH	G RATING	EOS - PORE SIZE – O ₉₅	FLOW RATE (Q ₁₀₀)
		N	N	-	µm	l/m ² /s
		AS 3706.2	AS 3706.3	AUSTROADS 90	AS 3706.7-2003	AS 3706.9
		Q VALUE	Q VALUE	Q VALUE	MEAN	MEAN
A14G	A	≥ 500	≥ 180	≥ 900	≤ 120	≥ 50
A19G	B	≥ 700	≥ 250	≥ 1,350	≤ 120	≥ 50
A29G	C	≥ 900	≥ 350	≥ 2,000	≤ 120	≥ 50
A39G	D	≥ 1,200	≥ 450	≥ 3,000	≤ 120	≥ 50
A49G	E	≥ 1,600	≥ 650	≥ 4,500	≤ 120	≥ 50

The data and specifications contained in this table are obtained from the manufacturer's laboratory testing. To ensure this information is current please contact your local branch of Geofabrics Australasia.

NOTES

1. Permittivity / Q100 - NSW and NZ ranges do not require characteristic Q values, however QLD Q value specification is met by all bidim® A range geotextiles.
2. Characteristic value (Q) = Mean - 0.83 x standard deviation of the lot tested.
3. AS3706.7 -2003 method is utilised by Geofabrics due to known errors in the subsequent 2014 revision.
4. All grades meet filtration classes I - VIII for MRTS27 Geotextiles (Separation and Filtration).
All grades meet filtration classes 1- 5 for RMS R63 QA Specification - Geotextiles (Separation and Filtration).
All grades meet filtration classes 1- 4 for TNZ F/7: Specification for Geotextiles.

IMPORTANT NOTICE - DISCLAIMER - The information contained in this brochure is general in nature. In particular the content of this brochure does not take account of specific conditions that may be present at your site. Site conditions may alter the performance and longevity of the product and in extreme cases may make the product wholly unsuitable. Actual dimensions and performance may vary. If your project requires accuracy to a certain specified tolerance level you must advise us before ordering the product from us. We can then advise whether the product will meet the required tolerances. Where provided, installation instructions cover installation of product in site conditions that are conducive to its use and optimum performance. If you have any doubts as to the installation instructions or their application to your site, please contact us for clarification before commencing installation. This brochure should not be used for construction purposes and in all cases we recommend that advice be obtained from a suitably qualified consulting engineer or industry specialist before proceeding with installation. © Copyright held by Geofabrics Australasia Pty Ltd. All rights are reserved and no part of this publication may be copied without prior permission. Published March 2019.