

11 March 2020

Accredited for compliance with ISO/IEC 17025 - Testing

Mail To:

Richard Mould
Australian Concrete Mats
PO Box 94
Alstonville, NSW, 2477
Ph: 0414 280 009
Email: info@concretemats.com.au

Dear Mr. Mould,

Thank you for consulting TRI Australasia (TRI) for your geosynthetics testing needs. TRI is pleased to submit this final report for laboratory testing.

Project: **Geogrid and Slings**
TRI Log Number: A20-039
Material(s) Tested: Geogrid(s)
Test(s) Requested:
1, UV Resistance (AS3706.11)¹

Note:

1. Testing is subcontracted to TRI Austin USA, and does not hold Nata Accreditation. Report Id: 53787, 53786

If you have any questions or require any additional information, please call us at (07) 5535 7227.

Sincerely,



Warren Hornsey Pr. Eng

Director
Approved Signatory

GEOGRID TEST RESULTS
TRI Client: Australian Concrete Mats
Project: Geogrid and Slings

Material: Geogrid(s)
TRI Log No.: A20-039

Sample Identification: Geogrid

PARAMETER	TEST REPLICATE NUMBER										Average Roll Value	
	1	2	3	4	5	6	7	8	9	10		
UV Resistance (AS3706.11 Dry)												
Strength Retained measured via Single Rib Tensile (ISO 10319 mod. via ASTM D 6637)												
Strands per m: 21												
MD - Tensile Strength (kN/m) - B	55	53	51	50	52							52.2
MD - Tensile Strength (kN/m) - E	37	38	38	37	37							37.3
								PERCENT RETAINED				72
XD - Tensile Strength (kN/m) - B	57	55	52	53	56							54.3
XD - Tensile Strength (kN/m) - E	37	37	37	35	37							36.5
								PERCENT RETAINED				67
MD - Elong. @ Max. Load (%) - B	10.9	10.5	10.3	9.8	10.2							10.3
MD - Elong. @ Max. Load (%) - E	9.3	10.1	9.9	9.1	9.8							9.6
								PERCENT RETAINED				93
XD - Elong. @ Max. Load (%) - B	14.1	14.8	15.2	14.1	14.3							14.5
XD - Elong. @ Max. Load (%) - E	13.3	12.9	13.3	12.9	13.0							13.1
								PERCENT RETAINED				90

B - Baseline Unexposed
 E - Exposed for 500 hours of AS3706.11 Cycle

End of Report