

TEST REPORT



ACCREDITED FOR
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Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS

AS4858 Requirements:

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Acceptance of Cyclic movement	AS4858 Appendix B	No failures observed	AS 4858 Appendix B Paragraph B4	PASS
Durability ¹ : Control Elongation at break	AS4858 Appendix A	304 %	AS 4858 Table 5.1	Class III
Durability ¹ : Control Tensile Strength		15.54 MPa		
Durability ¹ : Water Immersion Elongation at break		317 %	AS 4858 Appendix A Table A1	PASS
Durability ¹ : Water immersion Tensile Strength		14.67 MPa		
Durability ¹ : Bleach Immersion Elongation at break		310 %		PASS
Durability ¹ : Bleach Immersion Tensile Strength		12.65 MPa		
Durability ¹ : Detergent Immersion Elongation at break		326 %		PASS
Durability ¹ : Detergent Immersion Tensile Strength		14.50 MPa		
Durability ¹ : Heat aging Elongation at break		302 %		PASS
Durability ¹ : Heat aging Tensile Strength		17.70 MPa		

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Report number
0109-1 AS 4858

Issue Date
22/06/2021

Expiry Date
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Water Absorption	AS 3558.1 (with sample size modified to be 50mm x 50mm by the thickness used in practice).	0.13 %	AS 4858 Table 8.1	
Moisture vapour transmission rate	ASTM E96 Desiccant method	0.70g/m ² /24 hours	AS 4858 Table 8.1	Additional testing as per AS4858.1 Table 8.1 (e) is not required to establish suitability for use over particleboard.
†Suitability for use over particleboard	AS4858 Appendix C	Test not performed	AS 4858 Appendix C Paragraph C5	Test not performed

¹Durability of membranes is a combined group of assessments as detailed in AS4858 Appendix A, Table A4.

†This symbol indicates tests for which XTecGen Laboratory was not NATA accredited for at time of testing.

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