TEST REPORT

Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of ACTFLEX 929 to AS/NZS 4858:2004

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	*AS1145.3*	***477%***	*AS 4858 Table 5.1*	**Class III**
Durability[1]: Control Tensile Strength		***5.11MPa***		
Durability[1]: Water Immersion Elongation at break	*N/A*	***442%***	*AS 4858 Table A1*	**PASS**
Durability[1]: Water immersion Tensile Strength		***2.98MPa***		
Durability[1]: Bleach Immersion Elongation at break		***473%***		**PASS**
Durability[1]: Bleach Immersion Tensile Strength		***2.96MPa***		
Durability[1]: Detergent Immersion Elongation at break		***431%***		**PASS**
Durability[1]: Detergent Immersion Tensile Strength		***2.58MPa***		
Durability[1]: Heat aging Elongation at break	*N/A*	***501%***	*AS 4858 Table A1*	**PASS**

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Report number	Issue Date	Expiry Date
429-2 AS/NZS 4858:2004	**28/05/2025**	**28/05/2028**

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Durability[1]: Heat aging Tensile Strength		***5.15MPa***		[redacted]
Water Absorption	*AS 3558.1 (with sample size modified to be 50mm x 50mm by the thickness used in practice).*	***0.82%***	*AS 4858 Table 8.1*	
Moisture vapour transmission rate	*ASTM E96 Desiccant method*	**4.88g/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.

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

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