TEST REPORT

Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of *ACTFLEX 988 CWP* 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*	239 *%*	*AS 4858 Table 5.1*	**Class II**
Durability[1]: Control Tensile Strength		2.31 *MPa*		
Durability[1]: Water Immersion Elongation at break	*N/A*	81 *%*	*AS 4858 Table A1*	**CONDITIONAL PASS**
Durability[1]: Water immersion Tensile Strength		1.86*MPa*		
Durability[1]: Bleach Immersion Elongation at break		76%		**CONDITIONAL PASS**
Durability[1]: Bleach Immersion Tensile Strength		*1.91MPa*		
Durability[1]: Detergent Immersion Elongation at break		*86%*		**CONDITIONAL PASS**
Durability[1]: Detergent Immersion Tensile Strength		*1.92MPa*		
Durability[1]: Heat aging Elongation at break	*N/A*	*168%*	*AS 4858 Table A1*	**PASS**

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Report number	**Issue Date**	**Expiry Date**
250-2 AS/NZS 4858:2004	**27/10/2023**	**27/10/2026**

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Durability[1]: Heat aging Tensile Strength		*2.73MPa*		
Water Absorption	*AS 3558.1 (with sample size modified to be 50mm x 50mm by the thickness used in practice).*	3.81%	*AS 4858 Table 8.1*	
Moisture vapour transmission rate	*ASTM E96 Desiccant method*	1.99g/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**

[1]Durability 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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