TEST REPORT

Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of Actflex 3000 to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: non-trafficable	AS 1580.403.2	**0.047mm**	AS 4654.1 Paragraph 2.3	**Meets requirement for non-trafficable membrane**
Abrasion Resistance: trafficable	AS 1580.403.2	**0.071 mm**	AS 4654.1 Paragraph 2.3	**Meets requirement for areas subjected to pedestrian traffic and occasional service vehicle traffic**
Acceptance of Cyclic movement	*AS 4654.1 Appendix B*	***Failure not observed***	*AS 4654.1 Appendix B, Paragraph B4*	**PASS**
Dimensional Stability	*ASTM D6207*	***No changes observed***	*State result*	
Durability: Control Elongation at Break	*AS1145.3*	***1273 %***	*AS 4654.1 Appendix A, Table A1*	**CLASS III**
Durability: Control Tensile Strength		***12.83 MPa***	*State result*	
Durability: Water Immersion Elongation at Break	*AS 4654.1 Appendix A*	***1249 %***	*AS 4654.1 Appendix A, Table A4*	**PASS**
Durability: Water Immersion Tensile Strength		***11.40 MPa***	*State result*	
Durability: Detergent Immersion Elongation at Break		***1275 %***	*AS 4654.1 Appendix A, Table A4*	**PASS**
Durability: Detergent Immersion Tensile Strength		***12.61 MPa***	*State result*	

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Report number	Issue Date	Expiry Date
372-2 AS 4654.1-2012	**19/02/2025**	**19/02/2028**

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Durability: Heat Aging Elongation at Break		***1165 %***	*AS 4654.1 Appendix A, Table A4*	**PASS**
Durability: Heat Aging Tensile Strength		***12.23 MPa***	*State result*	[redacted]
Field Seam Strength	*AMTM005*	***288.73N/25mm***	*State result*	
Temperature Resistance: Water Vapour Transmission	*AMTM004*	***0.10 g/m²/24 hours***	*State result*	
Water Vapour Transmission	*ASTM E96*	***0.10 g/m²/24 hours***	*State result*	
Puncture Resistance	BS EN 12691	***500mm***	*State result*	
Water Impermeability	AS ISO 13007.5 A.7	**No Visual Penetration. Weight gain: 0.04g**	No Visual Penetration below membrane and ≤3g weight gain	**PASS**

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