

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of ACTFLEX 101 UV to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: non-trafficable	AS 1580.403.2	0.071mm	AS 4654.1 Paragraph 2.3	Meets requirement for non-trafficable membrane
Abrasion Resistance: trafficable	AS 1580.403.2	0.156mm	AS 4654.1 Paragraph 2.3	Meets requirements for pedestrian traffic only
Bond Strength	ASTM C794	29.02N	State result	
Acceptance of Cyclic movement	AS 4654.1 Appendix B	Failure not observed	AS 4654.1 Appendix B, Paragraph B4	PASS
Durability: Control Elongation at Break	AS1145.3	434 %	AS 4654.1 Appendix A, Table A1	CLASS III
Durability: Control Tensile Strength		4.26 MPa	State result	
Durability ¹ : Water Immersion Elongation at Break	AS 4654.1 Appendix A	596%	AS 4654.1 Appendix A, Table A4	PASS
Durability: Water Immersion Tensile Strength		1.52 MPa	State result	
Durability: Detergent Immersion Elongation at Break		706 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Detergent Immersion Tensile Strength		2.83 MPa	State result	
Durability: Heat Aging Elongation at Break	N/A	338 %	AS 4654.1 Appendix A, Table A4	PASS

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Durability: Heat Aging Tensile Strength	UV Lamp	3.51 MPa	State result	PASS
Durability: UV Exposure Elongation at Break		317 %	AS 4654.1 Appendix A, Table A4	
Durability: UV Exposure Tensile Strength		2.73 MPa	State result	
Temperature Resistance	AMTM004	3.07g/m²/24 hours	State result	
Water Vapour Transmission	ASTM E96	3.07g/m²/24 hours	State result	

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