

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of Actflex 5000 to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Bond Strength	ASTM C794	13.19N	State result	
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	374 %	AS 4654.1 Appendix A, Table A1	CLASS III
Durability: Control Tensile Strength		3.19 MPa	State result	
Durability: Water Immersion Elongation at Break	AS 4654.1 Appendix A	254 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Water Immersion Tensile Strength		3.08 MPa	State result	
Durability: Detergent Immersion Elongation at Break		370 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Detergent Immersion Tensile Strength		2.17 MPa	State result	
Durability: Heat Aging Elongation at Break		522 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Heat Aging Tensile Strength		2.60 MPa	State result	
Field Seam Strength	AMTM005	71.67N/25mm	State result	

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Temperature Resistance: Water Vapour Transmission	AMTM004	0.13g/m²/24 hours	State result	
Water Vapour Transmission	ASTM E96	0.18 g/m²/24 hours	State result	

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