

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation ARDEX WPM002 to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: Non-Trafficable	AS 1580.403.2	0.053 mm	AS 4654.1 Paragraph 2.3	Meets requirement for non-trafficable membrane
Abrasion Resistance: Trafficable	AS 1580.403.2	0.126 mm	AS 4654.1 Paragraph 2.3	Meets requirement for pedestrian traffic only
Bond Strength	ASTM C794	56.34 N	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 (50mm grip separation)	AS1145.3	506 %	AS 4654.1 Appendix A, Table A1	CLASS III
Durability: Control Tensile Strength		0.93 MPa	State result	
Durability: Control Elongation at Break (100mm grip separation)	AS1145.3	524 %	AS 4654.1 Appendix A, Table A1	CLASS III
Durability: Control Tensile Strength		0.72 MPa	State result	
Durability: Water Immersion Elongation at Break	AS 4654.1 Appendix A	402 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Water Immersion Tensile Strength		0.26 MPa	State result	
Durability: Detergent Immersion Elongation at Break		315 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Detergent Immersion Tensile Strength		0.28 MPa	State result	

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Durability: Heat Aging Elongation at Break (50mm grip separation)	N/A	455 %	AS 4654.1, Table A4	PASS
Durability: Heat Aging Tensile Strength		1.25 MPa	State result	
Durability: Heat Aging Elongation at Break (100mm grip separation)	N/A	336 %	AS 4654.1, Table A4	PASS
Durability: Heat Aging Tensile Strength		1.07 MPa	State result	
Durability: Ultraviolet Resistance Elongation at Break	UV Lamp	310%	AS 4654.1 Appendix A, Table A4	PASS
Durability: Ultraviolet Resistance Tensile Strength		1.35MPa	State result	
Temperature Resistance: Water Vapour Transmission	AMTM004	2.71 g/m²/24 hours	State result	
Water Vapour Transmission	ASTM E96	2.17 g/m²/24 hours	State result	

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