

# TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing  
20678

## SUMMARY OF TESTS: Evaluation of ARDEX WPM310 Batch no. (23K099N) to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: non-trafficable	AS 1580.403.2	<b>0.022mm</b>	AS 4654.1 Paragraph 2.3	<b>Meets requirement for non-trafficable membrane</b>
Abrasion Resistance: trafficable	AS 1580.403.2	<b>0.168mm</b>	AS 4654.1 Paragraph 2.3	<b>Meets requirement for pedestrian traffic only</b>
Bond Strength	ASTM C794	<b>43.67 N</b>	State result	
Acceptance of Cyclic movement	AS 4654.1 Appendix B	<b>Failure not observed</b>	AS 4654.1 Appendix B, Paragraph B4	<b>PASS</b>
Durability: Control Elongation at Break	AS1145.3	<b>258 %</b>	AS 4654.1 Appendix A, Table A1	<b>CLASS II</b>
Durability: Control Tensile Strength		<b>1.16 MPa</b>	State result	
Durability <sup>1</sup> : Water Immersion Elongation at Break	AS 4654.1 Appendix A	<b>320 %</b>	AS 4654.1 Appendix A, Table A4	<b>PASS</b>
Durability: Water Immersion Tensile Strength		<b>0.41 MPa</b>	State result	
Durability: Detergent Immersion Elongation at Break		<b>357 %</b>	AS 4654.1 Appendix A, Table A4	<b>PASS</b>
Durability: Detergent Immersion Tensile Strength		<b>0.20 MPa</b>	State result	

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**312-2 AS4654.1-2012**

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Durability: Heat Aging Elongation at Break	N/A	<b>218 %</b>	AS 4654.1 Appendix A, Table A4	<b>PASS</b>
Durability: Heat Aging Tensile Strength		<b>1.86 MPa</b>	State result	
Durability: UV Exposure Elongation at Break		<b>210 %</b>	AS 4654.1 Appendix A, Table A4	<b>PASS</b>
Durability: UV Exposure Tensile Strength	UV Lamp	<b>1.80 MPa</b>	State result	
Temperature Resistance	AMTM004	<b>1.45 g/m<sup>2</sup>/24 hours</b>	State result	
Water Vapour Transmission	ASTM E96	<b>1.63 g/m<sup>2</sup>/24 hours</b>	State result	

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