

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of Wolfin IB (BN:3014829 442 0034 377) to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: non-trafficable	AS 1580.403.2	0.018 mm	AS 4654.1 Paragraph 2.3	Meets requirement for non-trafficable membrane.
Abrasion Resistance: trafficable	AS 1580.403.2	0.061 mm	AS 4654.1 Paragraph 2.3	Meets requirement for pedestrian and occasional service vehicle traffic.
Dimensional Stability	ASTM D6207	No changes observed	State result	
Durability: Control Elongation at Break	AS 1145.3	300 %	AS 4654.1 Appendix A, Table A1	CLASS III
Durability: Control Tensile Strength		17.21 MPa	State result	
Durability: Water Immersion Elongation at Break	AS 4654.1 Appendix A	294 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Water Immersion Tensile Strength		16.21 MPa	State result	
Durability: Detergent Immersion Elongation at Break		312 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Detergent Immersion Tensile Strength		16.81 MPa	State result	
Durability: Heat Aging Elongation at Break	N/A	308 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Heat Aging Tensile Strength		16.49 MPa	State result	

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Durability: UV Exposure Elongation at Break	<i>UV Lamp</i>	250 %	<i>AS 4654.1 Appendix A, Table A4</i>	PASS
Durability: UV Exposure Tensile Strength		15.81 MPa	<i>State result</i>	
Field Seam Strength	<i>AMTM005</i>	515.64 N/25mm	<i>State result</i>	
Puncture Resistance	<i>BS EN 12691</i>	1400mm	<i>State result</i>	
Tear Resistance	<i>BS EN 12310-1</i>	776.66 N	<i>State result</i>	
Temperature Resistance	<i>AMTM004</i>	1.44 g/m²/24 hours	<i>State result</i>	
Water Vapour Transmission	<i>ASTM E96</i>	1.63 g/m²/24 hours	<i>State result</i>	

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