

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of Cosmofin FG LL BN: 1604242 to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: non-trafficable	AS 1580.403.2	0.028 mm	AS 4654.1 Paragraph 2.3	Meets requirement for non-trafficable membrane
Abrasion Resistance: trafficable	AS 1580.403.2	0.109 mm	AS 4654.1 Paragraph 2.3	Meets requirement for pedestrian traffic only
Dimensional Stability	ASTM D6207	No changes observed	State result	
Durability: Control Elongation at Break	AS1145.3	178 %	AS 4654.1 Appendix A, Table A1	CLASS II
Durability: Control Tensile Strength		15.52 MPa	State result	
Durability ¹ : Water Immersion Elongation at Break	AS 4654.1 Appendix A	176 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Water Immersion Tensile Strength		12.98 MPa	State result	
Durability: Detergent Immersion Elongation at Break		180 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Detergent Immersion Tensile Strength		12.93 MPa	State result	
Durability: Heat Aging Elongation at Break	N/A	193 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Heat Aging Tensile Strength		16.44 MPa	State result	

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Durability: UV Exposure Elongation at Break	UV Lamp	204 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: UV Exposure Tensile Strength		15.04 MPa	State result	
Field Seam Strength	AMTM005	606.97 N/25mm	State result	
Puncture Resistance	BS EN 12691	900mm	State result	
Tear Resistance	BS EN 12310-1	898.56 N	State result	
Temperature Resistance	AMTM004	0.72 g/m ² /24 hours	State result	
Water Vapour Transmission	ASTM E96	0.72 g/m ² /24 hours	State result	

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