

TEST REPORT



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Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of Cosmofin LLV to AS 4654.1-2012.

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT
Abrasion Resistance: non-trafficable	AS 1580.403.2	0.087 mm	AS 4654.1 Paragraph 2.3	Meets requirement for non-trafficable membrane
Abrasion Resistance: trafficable	AS 1580.403.2	0.181 mm	AS 4654.1 Paragraph 2.3	Meets requirement for pedestrian traffic only
Bond Strength	ASTM C794	21.22 N	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	123 %	AS 4654.1 Appendix A, Table A1	CLASS II
Durability: Control Tensile Strength		7.65 MPa	State result	
Durability ¹ : Water Immersion Elongation at Break	AS 4654.1 Appendix A	107 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Water Immersion Tensile Strength		7.91 MPa	State result	
Durability: Detergent Immersion Elongation at Break		110 %	AS 4654.1 Appendix A, Table A4	PASS
Durability: Detergent Immersion Tensile Strength		7.87 MPa	State result	
Durability: Heat Aging Elongation at Break	N/A	121 %	AS 4654.1 Appendix A, Table A4	PASS

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Durability: Heat Aging Tensile Strength	UV Lamp	7.58 MPa	State result	PASS
Durability: UV Exposure Elongation at Break		110 %	AS 4654.1 Appendix A, Table A4	
Durability: UV Exposure Tensile Strength		6.04 MPa	State result	
Field Seam Strength	AMTM005	465.59 N/25mm	State result	
Temperature Resistance	AMTM004	1.26 g/m²/24 hours	State result	
Water Vapour Transmission	ASTM E96	0.72 g/m²/24 hours	State result	

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