

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

SUMMARY OF TESTS: Evaluation of ARDEX WPM 002 Superflex 2 part to AS/NZS 4858:2004

AS4858 Requirements:

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA	ASSESSMENT		
Acceptance of Cyclic movement	AS4858 Appendix B	No failures observed	AS 4858 Appendix B Paragraph B4	PASS		
Durability ¹ : Control Elongation at break	AS1145.3	375%	AS 4858 Table 5.1	Class III		
Durability ¹ : Control Tensile Strength		2.75MPa				
Durability ¹ : Water Immersion Elongation at break	N/A	287%	AS 4858 Table A1	PASS		
Durability ¹ : Water immersion Tensile Strength		0.33MPa				
Durability ¹ : Bleach Immersion Elongation at break		601%		PASS		
Durability ¹ : Bleach Immersion Tensile Strength		0.39MPa				
Durability ¹ : Detergent Immersion Elongation at break		310%		PASS		
Durability ¹ : Detergent Immersion Tensile Strength		0.32MPa				
Durability ¹ : Heat aging Elongation at break		N/A		342%	AS 4858 Table A1	PASS

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Report number

270-2 AS/NZS 4858:2004

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Durability ¹ : Heat aging Tensile Strength		1.27MPa		
Water Absorption	<i>AS 3558.1 (with sample size modified to be 50mm x 50mm by the thickness used in practice).</i>	3.85%	<i>AS 4858 Table 8.1</i>	
Moisture vapour transmission rate	<i>ASTM E96 Desiccant method</i>	1.99g/m²/24 hours	<i>AS 4858 Table 8.1</i>	Additional testing as per AS4858.1 Table 8.1 (e) is not required to establish suitability for use over particleboard.

¹Durability of membranes is a combined group of assessments as detailed in AS4858 Appendix A, Table A4.

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