

Intertek

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EVALUATION CENTER

INTERTEK TESTING SERVICES NA LTD.
1500 BRIGANTINE DRIVE
COQUITLAM, BC V3K 7C1

RENDERED TO

HYDROTECH MEMBRANE CORPORATION
10951, BOUL. PARKWAY
VILLE D'ANJOU, QC, H1J 1S1

PRODUCT EVALUATED: Hydrotech Monolithic Membrane (MM6125®)
EVALUATION PROPERTY: Physical Testing

Report of Hydrotech Monolithic Membrane (MM6125®) for the selected requirements of CAN/CGSB-37.50-M89, *Hot-Applied, Rubberized Asphalt for Roofing and Waterproofing*

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TEST REPORT

5 Testing and Evaluation Results

The test results for Hydrotech Membrane Corporation Monolithic Membrane 6125 (MM6125®) together with the applicable requirements of CAN/CGSB-37.50-M89 is shown in Table 1 below. A copy of the data sheets can be found in the Appendices.

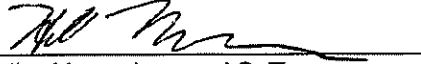
Table 1. MM6125® Physical Property Test Results			
Property	Test Result	Requirement	Pass/Fail
Penetration (Cone), dmm			
▪ As Received			
▪ 25°C	49	≤ 110	Pass
▪ 50°C	100	≤ 200	Pass
▪ After Heat Aging			
▪ 25°C	71	≤ 110	Pass
▪ 50°C	153	≤ 200	Pass
Flow, mm			
▪ As Received	2	≤ 3	Pass
▪ After Heat Aging	2	≤ 3	Pass
Toughness, J	7.9	≥ 5.5	Pass
Ratio of Toughness to Peak Load	0.15	≥ 0.040	Pass
Adhesion Rating	Threads were covered with membrane material	Threads shall be covered with membrane material	Pass
Water Vapor Permeance, ng/Pa·s·m ²	1.4	≤ 1.7	Pass
Water Absorption, g	0.05	Gain in mass ≤ 0.35	Pass
Pinholing	No pinholes	Shall not show more than one pinhole	Pass
Low Temperature Flexibility			
▪ As Received	No cracking	Shall not show any cracking	Pass
▪ After Heat Aging	No cracking		Pass
Crack Bridging Capability	No cracking, splitting, or loss of adhesion	Shall not show any evidence of cracking, splitting, or loss of adhesion	Pass
Viscosity, s			
▪ As Received	12	2 – 15	Pass
▪ After Heat Aging	11	2 – 15	Pass

6 Conclusion

The Hydrotech Membrane Corporation Monolithic Membrane 6125 (MM6125®) product identified and evaluated in this report has met the requirements of CAN/CGSB-37.50-M89, *Hot-Applied, Rubberized Asphalt for Roofing and Waterproofing*. The product test results are presented in Section 5 of this report.

INTERTEK TESTING SERVICES NA LTD.

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