



REPORT ON DETERMINATION OF SOFTENING POINT

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Client	BITUMAT COMPANY LIMITED	Report No.	DI.MMR25042200
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	24/09/25
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS25011911
Project No.	N.P	Request No.	DI.MMO25011912
Project Name	INTERNAL TESTING	Client Ref.	N.P.
Sample Desc.	TOPSEAL 4mm	Sampled By	CLIENT'S REP.
Source	BITUMAT	Sampling Date	N.P.
Sample Location	N.P.	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	1 ROLL
Sample Brt. In By	CLIENT'S REP.	Date Received	11/09/25
Test Method	ASTM D36/D36M-2014(2020)	Date Tested	19/09/25
Method Variation	None	Tested By	Afsal
Remarks	None	Test Location	ACES Dubai Lab

Bath Liquid : Glycerine

RESULTS	
Test Parameter	Result
Average Softening Point (°C)	153.9



0 0 0 7 9 9 0 3 7 9 .

Eng. Harees Sulaiman
Material Department Manager

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REPORT ON DETERMINATION OF TENSILE STRENGTH & ELONGATION

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Client	BITUMAT COMPANY LIMITED	Report No.	DI.MMR25044220
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	24/09/25
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS25011911
Project No.	N.P	Request No.	DI.MMO25011912
Project Name	INTERNAL TESTING	Client Ref.	N.P.
Sample Desc.	TOPSEAL 4mm	Sampled By	CLIENT'S REP.
Source	BITUMAT	Sampling Date	N.P.
Sample Location	N.P.	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	1 ROLL
Test Method	UEAtc M.O.A.T. : No.31:1984, PARA-C	Sample Brt. In By	CLIENT'S REP.
Method Variation	None	Date Received	11/09/25
Tested By	Bharath	Date Tested	18/09/25
Remarks	None	Test Location	ACES Dubai Lab

Test Speed : 100mm/min

Test Direction : Longitude

RESULTS		
Specimen #	Peak Tensile Load (N/50mm)	Elongation at Break (%)
1	696	45.3
2	780	48.0
3	691	41.1
Average	722	44.8



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Eng. Harees Sulaiman
Material Department Manager

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REPORT ON DETERMINATION OF TENSILE STRENGTH & ELONGATION

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Client	BITUMAT COMPANY LIMITED	Report No.	DI.MMR25044220
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	24/09/25
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS25011911
Project No.	N.P	Request No.	DI.MMO25011912
Project Name	INTERNAL TESTING	Client Ref.	N.P.
Sample Desc.	TOPSEAL 4mm	Sampled By	CLIENT'S REP.
Source	BITUMAT	Sampling Date	N.P.
Sample Location	N.P.	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	1 ROLL
Test Method	UEAtc M.O.A.T. : No.31:1984, PARA-C	Sample Brt. In By	CLIENT'S REP.
Method Variation	None	Date Received	11/09/25
Tested By	Bharath	Date Tested	18/09/25
Remarks	None	Test Location	ACES Dubai Lab

Test Speed : 100mm/min

Test Direction : Transverse

RESULTS		
Specimen #	Peak Tensile Load (N/50mm)	Elongation at Break (%)
1	482	58.0
2	470	63.8
3	444	63.2
Average	465	61.7



Eng. Harees Sulaiman
Material Department Manager

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REPORT ON DETERMINATION OF LOW TEMPERATURE FLEXIBILITY

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Client	BITUMAT COMPANY LIMITED	Report No.	DI.MMR25044221
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	24/09/25
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS25011911
Project No.	N.P	Request No.	DI.MMO25011912
Project Name	INTERNAL TESTING	Client Ref.	N.P.
Sample Desc.	TOPSEAL 4mm	Sampled By	CLIENT'S REP.
Source	BITUMAT	Sampling Date	N.P.
Sample Location	N.P.	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	1 ROLL
Sample Brt. In By	CLIENT'S REP.	Date Received	11/09/25
Test Method	ASTM D5147/D5147M-18 (Reapproved 2024)	Date Tested	20/09/25
Test Location	ACES Dubai Lab	Tested By	Bharath
Remarks	None		

No of specimen tested : 5
 Test Duration : 2hrs
 Test Temperature: : 0 °C
 Bend Angle : 180°

Result	
Test Direction	Observation
Longitudinal	No Cracks were Observed.
Transverse	No Cracks were Observed.



Eng. Harees Sulaiman
 Material Department Manager

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REPORT ON DETERMINATION OF HIGH TEMPERATURE STABILITY OF WATER PROOFING MEMBRANE

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Client	BITUMAT COMPANY LIMITED	Report No.	DI.MMR25044222
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	24/09/25
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS25011911
Project No.	N.P	Request No.	DI.MMO25011912
Project Name	INTERNAL TESTING	Client Ref.	N.P.
Sample Desc.	TOPSEAL 4mm	Sampled By	CLIENT'S REP.
Source	BITUMAT	Sampling Date	N.P.
Sample Location	N.P.	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size	N.P.	Sample Size	1 ROLL
Sample Brt. In By	CLIENT'S REP.	Date Received	11/09/25
Test Method	ASTM D 5147/5147M -18 (2024 Cl.16	Date Tested	20/09/25
Method Variation	None	Tested By	Bharath
Remarks	None	Test Location	ACES Dubai Lab

Test Temperature: 80 °C

Specimen Size (mm) : 75x50

Test Duration (Hours): 2:15

No of specimen tested: 5 Specimens in each direction

Test Direction	Observation
Longitudinal	No flowing, dripping or drop formation was observed
Transverse	No flowing, dripping or drop formation was observed



Eng. Harees Sulaiman
Material Department Manager

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REPORT ON DETERMINATION OF TEAR STRENGTH OF WATERPROOFING MEMBRANE

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Client	BITUMAT COMPANY LIMITED	Report No.	DI.MMR25044325
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	25/09/25
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS25011911
Project No.	N.P	Request No.	DI.MMO25011912
Project Name	INTERNAL TESTING	Client Ref.	N.P.
Sample Desc.	TOPSEAL 4mm	Sampled By	CLIENT'S REP.
Source	BITUMAT	Sampling Date	N.P.
Sample Location	N.P.	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P
Lot Size	N.P.	Sample Size	1 ROLL
Specimen Preparation Method	ASTM 4073-06 (Reapproved 2024)	Sample Brt. In By	CLIENT'S REP.
Test Method	ASTM D5147/D5147M (Clause 8)-2018 (Reapproved 2024)	Date Received	11/09/25
Test Method Variation	None	Date Tested	23/09/25
Remarks	None	Tested By	Bharath

Sample Conditioning : 50 Hours @ 23°C & 50% RH

Test Speed : 50 mm/minute

RESULTS		
Specimen No.	Tensile Tear Strength (N)	
	Longitude	Transverse
1	570	373
2	583	399
3	562	457
4	596	431
5	553	369
Average	573	406
Standard Deviation	17.02	37.86



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Eng. Harees Sulaiman
Material Department Manager

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REPORT ON DETERMINATION OF ASPHALT PENETRATION

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Client	BITUMAT COMPANY LIMITED	Report No.	DI.MMR25045329
Contractor	NO SPECIFIC CONTRACTOR	Date Reported	30/09/25
Consultant	NO SPECIFIC CONSULTANT	Sample No.	DI.MMS25011911
Project No.	N.P	Request No.	DI.MMO25011912
Project Name	INTERNAL TESTING	Client Ref.	N.P.
Sample Description	TOPSEAL 4mm	Sampled By	CLIENT'S REP.
Source	BITUMAT	Sampling Date	N.P.
Sample Location	N.P.	Sampling Cert.	N.P.
Lot No.	N.P.	Sampling Method	N.P.
Lot Size.	N.P.	Size of Sample	1 ROLL
Sample Brt. In By	CLIENT'S REP.	Date Received	11/09/25
Test Method	ASTM D5-2020	Date Tested	18/09/25
Test Method Var.	None	Tested By	ACES Abu Dhabi
Remarks	Test was Sub Contracted.	Test Location	ACES Abu Dhabi Lab

Test Result	
Test	Average
Penetration @ 25° C (0.1mm)	20.3



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Eng. Harees Sulaiman
Material Department Manager

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