



TEST REPORT ON DENSITY

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/1
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	IHP	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Result

Test	Unit	Result
Density	g/cc	1.15

Remarks: None

Signed for and on behalf of Wimpey Laboratories

S.Sarath Kumar
Senior Technician

Test results relate only to the samples tested.

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TEST REPORT ON THICKNESS

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/2
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	UEAtc MOAT 31	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Result

Test	Unit	Result
Thickness	mm	3.21
		3.24
		3.22
		3.23
		3.21
Average		3.22

Remarks: None

Signed for and on behalf of Wimpey Laboratories

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Senior Technician

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**TEST REPORT ON MASS PER UNIT AREA**

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/3
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	UEAtc MOAT 31	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Result

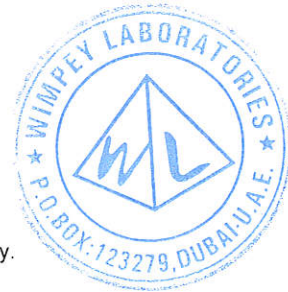
Test	Unit	Result
Mass Per Unit Area	Kg/m ²	4.10
		4.06
		4.14
		4.18
		4.15
Average		4.13

Remarks: None**Signed for and on behalf of Wimpey Laboratories****S/Sarath Kumar
Senior Technician**

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TEST REPORT ON SOFTENING POINT

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/4
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	ASTM D36/D36M-14(2020)	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Results

Test	Unit	Result
Softening Point	°C	142

Remarks: None.

Signed for and on behalf of Wimpey Laboratories

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Senior Technician

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TEST REPORT ON HEAT RESISTANCE

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/5
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	ASTM D5147/D5147M-18	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Results

Test	Result
Heat Resistance	No flow observed at 100°C

Remarks: None.

Signed for and on behalf of Wimpey Laboratories

S. Sarath Kumar
Senior Technician

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**TEST REPORT ON ASPHALT CONTENT**

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/6
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	ASTM D545-19	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Results

Test	Unit	Result
Asphalt Content	%	79.5

Remarks: None.

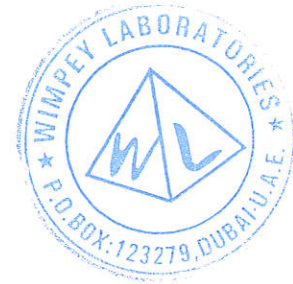
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Senior Technician

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**TEST REPORT ON CHISEL PUNCTURE**

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/7
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	IHP	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Results

Test	Observation	Result
Chisel Puncture	No signs of failure observed	Pass

Remarks: None.

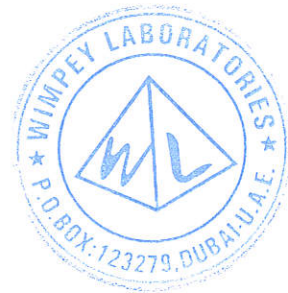
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**TEST REPORT ON RESISTANCE TO HYDROSTATIC PRESSURE**

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/8
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	BS EN 12390-8	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Results

Test	Observation	Result
Hydrostatic pressure test	No leakage or penetrating observed at 5 bar pressure (50m water head)	Pass

Remarks: None.

Signed for and on behalf of Wimpey Laboratories

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Senior Technician

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**TEST REPORT ON CHEMICAL RESISTANCE**

Client	Berger Paints Bahrain WLL PO Box: 26688 Kingdom of Bahrain		
Project Name	N.G	Lab Report No.	WLRP20-2147/9
Sample Description	Smartcare SuperBit Board	Sample No.	WSP20-2147/1
Source	Berger Paints Bahrain WLL	Date Received	29/07/2020
Client's Ref.	N.G	Date Tested	08/08/2020
Test Method	ASTM D543-20	Date Reported	08/08/2020
Sample brought in by	Client	Sampling Date	N.G
Temperature & Relative Humidity	23±2°C & 50±5%	Tested By	SU

Test Results

Test	Method	Observation	Result
1% Nitric acid	ASTM D543-20	No sign of cracking, blistering disintegration and color change were observed	Resistant
5% Ammonium Hydroxide			Resistant
1% Sodium Hydrochloride			Resistant
5% Sodium Hydroxide			Resistant
10% Sulfuric acid			Resistant
0.1% Soap			Resistant
0.025% Detergent			Resistant
10% Sodium Chloride			Resistant
5% Acetic acid			Resistant
10% Hydrochloric acid			Resistant

Remarks: None.

Signed for and on behalf of Wimpey Laboratories

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Senior Technician

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