



TEST REPORT ON WATER VAPOUR TRANSMISSION

Client	M/s. Berger Paints Bahrain WLL, POBox 26688, Kingdom of Bahrain.		
Sample Description	Weathercoat Flex Tex Fine	Lab Report No.	WD-R-220215-0901/9
Source	M/s. Asian Paints Berger	Lab Request No.	WD-Q-220215-0229
Test Method	ASTM E96/E96M-16	Sample No.	WD-S-220215-0856/5
Temperature in Test Chamber	23°C	Wimpey Ref No.	220215-32
Relative Humidity in Test Chamber	50%	Date Received	15/02/2022
Test Area	33.18 cm ²	Date Tested	25/02/2022
Total Cycles	Continuous mode up to constant	Date Reported	27/06/2022
Sample Reference	N.G	Room Temperature	23°C
Specimen Thickness	311 microns	Room Relative Humidity	50%
Sample Brought in by	Wimpey Lab	Tested By	SU

Test Results

Test	Unit	Specimen 1	Specimen 2	Specimen 3	Average
Water Vapor Transmission (WVT)	g/m ² /24hours	60.2	61.7	61.2	61.0
Water Vapor Permeance (WVP)	g/Pa s m ²	5.714 x 10 ⁻⁰⁷	5.857 x 10 ⁻⁰⁷	5.809 x 10 ⁻⁰⁷	5.793 x 10 ⁻⁰⁷
Water Vapor Diffusion Co-efficient	-	1093.2	1061.1	1071.8	1075.4
Equivalent Air Layer Thickness	m	0.34	0.33	0.33	0.33

Remarks: None.

Signed for and on behalf of Wimpey Laboratories

S/Sarath Kumar
Head of Department

Test results relate only to the samples tested.

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