



Client: Mr. Mohammad Zonait Kabir
Manager-Marketing
Asian Paints Bangladesh Ltd

Date: 08 February 2021
MME No.: 0602/2020-21



rvv9fgujup

Client's Reference: Nil; Date: 22/11/2020

BRTC Reference: 1102-23281/MME/2020-21; Date: 02/12/2020

Subject: Test of Water Proofing Membrane

Sample Condition: Sealed

Please note: The client supplied the sample and the result given herewith corresponds to the sample tested only. The Department of Materials and Metallurgical Engineering of BUET takes no responsibility regarding the misidentification, if any, of the sample.

TEST REPORT

Water Absorption

Sample Description	Substrate	Paint Application method on Concrete	Test Method	Sample No	Water Absorption for 48 h	Average Water Absorption
					Wt.%	Wt.%
Asian Paints SmartCare Damp Proof Fibre Tech	Hardened Concrete Cores (70 mm dia and 50 mm length)	As per the instruction provided on the paint container	ASTM D 6489	1	0.85	0.69
				2	0.84	
				3	0.36	

Coating Adhesion Strength

Sample Description	Paint Description	Paint Application method on Concrete	Sample No.	Test Method	Adhesion Strength	Average Adhesion Strength
					MPa (N/sqm)	MPa (N/sqm)
Paints coated on Concrete	Asian Paints SmartCare Damp Proof Fibre Tech	As per the instruction provided on the paint container	1	ASTM C 633	4.0 (4.0x10 ⁶)	3.8 (3.8x10 ⁶)
			2		3.9 (3.9x10 ⁶)	
			3		3.5 (3.5x10 ⁶)	

M. HASAN
8.2.21

Dr. Mahbub Hasan
Professor and Head