



23-24, Yashodeep Heights,
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GVM TEST HOUSE
AND RESEARCH CENTRE

TESTING | TRAINING | AUDITING

Test Order Ref: GVM/WPC/03069-13-1/03/2023

Date: 03.05.2023

Date of Receipt: 01.03.2023

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ULTRATECH CEMENT LIMITED

Building Products Division, Plot No. 61/1 & 2,
94/1 & 2A, 95/4, Wada - 421303

TEST REPORT ON LIQUID APPLIED COATING

Source of Sample : Sample supplied by the customer.
Number of samples Tested : 01 (One only).
Customer's Reference : PO No. 8C/B03/4500058304
Condition of sample : Satisfactory
Lab Reference Number : 2023/MAR/03069-13-1
Sample Identification # : Acrylic 180
Curing Condition # : 27 ± 2 °C Temperature And 65 ± 5% RH for 14 days
Period of Test : 06.03.2023 to 01.05.2023

TEST RESULTS:

S. N.	Test Conducted	Unit	Test Results	Test Method
A	Test on Liquid Sample			
1	Density	g/cc	1.39	ASTM D 1475-2013
2	Volume Solids	%	56.4	ASTM D 2697-2022
3	Surface Drying Time	Minutes	40	ASTM D 1640-2014
B	Test on Film @ 650-micron DFT			
1	Tensile Strength @ 650-micron DFT	N/mm ²	2.03	ASTM D 412-2016
2	Elongation @ 650-micron DFT	%	232	ASTM D 412-2016
C	Test on Film @ 1000-micron DFT			
1	Tensile Strength	N/mm ²	1.93	ASTM D 412-2016
2	Elongation	%	363	ASTM D 412-2016
3	Crack Bridging Ability	mm	3.9	EN 1062(A)-2004
4	Pull off Adhesion to Concrete	N/mm ²	1.67	ASTM D 7234-2022
5	Shore-A Hardness	---	65	ASTM D 2240-2015
6	Water Vapor Transmission	g/m ² .day	24.4	ASTM E 96-2022
7	Depth of Water Penetration @ 7 Bar	mm	Nil	EN 12390-8-2019
8	Water absorption	%	7.89	ASTM D 471-2016
9	Peel Adhesion to Concrete	N	44.2	ASTM D 903-1998
10	Adhesion in peel after Water immersion	N	26.7	ASTM C 794-2018

Regd. Office:

402, Yogesh Apartment CHS, Plot No. 26, Sector 8A, Airoli, Navi Mumbai - 400 708, INDIA.
GSTIN: 27BPBPB4090Q1ZM



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TEST RESULTS:

S. N.	Test Conducted	Unit	Test Results	Test Method
11	Alkali Resistance	Visual	Pass, No appreciable colour difference after the test	SS 5 Part G2-2003
12	Fungi Resistance	Rating	Zero (No growth)	ASTM G 21-2015
13	Wet Scrub resistance	Visual	Upto 500 Cycles	ASTM D 2486-2017
14	UV Resistance – 1000 Hrs.	Visual	Pass (No visible loss of gloss, blistering, cracking & chalking)	ASTM G 154 -2022

As furnished by the customer.

- Note:
1. The results relate only to the items tested.
 2. Report shall not be reproduced except in full, without the written approval of the lab.
 3. Any correction invalidates this report.

For **GVM TEST HOUSE AND RESEARCH CENTRE**



ASHOK NAGAR

Authorised Signatory



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