



**GVM TEST HOUSE**  
AND RESEARCH CENTRE

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**TESTING | TRAINING | AUDITING**

Report No.: GVM: WPC: 04769-1/02/2024

Date of Receipt: 02.02.2024

Date: 28-02-2024

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**GRASIM INDUSTRIES LTD.**

P.O. Birlagram, Nagda-456331, District Ujjain,  
Madhya Pradesh, India

**TEST REPORT ON BIRLA OPUS PRIME C2K**

Source of Sample : Sample supplied by the customer.  
Number of samples Tested : 01 (One only).  
Condition of sample : Satisfactory  
Customer's Reference : Purchase Order No. 4900003106 dt.02.02.2024  
Lab Reference Number : 2024/FEB/04769-1  
Sample Identification # : Birla Opus Prime C2K  
Mixing Ratio # : Liquid : Powder = 1 : 2  
Coverage # : 7.5 sq ft/ kg/2 coats  
Application # : Brush  
Standard Curing Condition # : 14 days @ 27 ± 2 °C  
Period of Test : 07.02.2024 to 28.02.2024

**TEST RESULTS:**

S. N.	Test Conducted	Unit	Test Results	Test Method
<b>A</b>	<b>Tests on Mixed Product (Liquid: Powder = 1 : 2 )</b>			
1	Mixed Density	g/cc	1.63	ASTM D 1475-2013
2	Pot Life @ 27 °C	Hours	4	---
3	Surface Dry Time	Minutes	60	ASTM C 1640-2018
4	Recoat time	Hours	4	ASTM C 1640-2018
5	Dry Film Thickness	mm	1.05	ASTM D 1005-1995
6	Tensile Strength	N/mm <sup>2</sup>	0.90	ASTM D 2370-2016
7	Elongation @ Break	%	120	ASTM D 2370-2016
8	Crack Bridging Ability	mm	1.88	EN 1062-7(A)-2004
9	Pull off Adhesion Strength	N/mm <sup>2</sup>	1.11	ASTM D 7234-2022
10	Depth of Water Permeability @ 5 Bar	mm	Nil	EN 12390-8-2019
11	Negative Side Water Permeability up to 5 Bar	Visual	Pass	ASTM D 7088-2017
12	RCPT -Control	Coulombs	3930	ASTM C 1202-2022
13	RCPT – With Coating	Coulombs	844	ASTM C 1202-2022
14	Reduction in RCPT	%	78.5	---
15	Water Vapour Transmission	g/m <sup>2</sup> .day	36.9	ASTM E 96-2022

# 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



**DINESH BURDE**  
*[Signature]*  
**Authorised Signatory**



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