



GVM TEST HOUSE
AND RESEARCH CENTRE

23-24, Yashodeep Heights,
Plot No. 14/15, Sector 29C,
Rabale-Ghansoli Node,
Navi Mumbai - 400 701, INDIA.
Phone: +91 93244 69890
Email: lab@gvmtesthouse.com
www.gvmtesthouse.com



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TESTING | TRAINING | AUDITING

Report No.: GVM: WPC: 05246-1/04/2024

Date of Receipt: 09.04.2024

Date: 08-05-2024

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GRASIM INDUSTRIES LTD.

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

TEST REPORT ON BIRLA OPUS PRIME - B30 EXTERIORS WATERPROOF COATING

Source of Sample : Sample supplied by the customer.
Number of samples Tested : 01 (One only).
Customer's Reference : Purchase Order No. 4900004460 dt.16.04.2024
Lab Reference Number : 2024/APR/05246-1
Condition of sample : Satisfactory
Sample Identification # : Birla Opus Prime - B30 Exteriors Waterproof Coating
Coverage # : 1st coat with 35% dilution followed by 2 coats without dilution coverage @ 15 sq ft/Liter
Application # : Brush
Standard Curing Condition # : 14 days
Period of Test : 10.04.2024 to 08.05.2024

TEST RESULTS:

S. N.	Test Conducted	Unit	Test Results	Test Method
1	Ponding Test, 7 Days	Visual	Pass (No Leakage)	In House
2	Anti-carbonation Properties			
a	Dry Film Thickness of Coating, DFT	μm	300	EN 1062 Part 6:2002 - Method A
b	Carbon dioxide permeability	$\text{g} (\text{m}^2 \cdot \text{d})$	1.19	
c	Carbon diffusion- Equivalent air layer thickness	Meter	209	
d	Diffusion resistance number	μ	6.96×10^5	

Classes for carbon dioxide permeability (C)

Class	Requirement	Requirement
	Carbon dioxide permeability $\text{g} / (\text{m}^2 \cdot \text{d})$	Carbon diffusion- Equivalent air layer thickness (meter)
C0	No requirement	
C1	< 5	> 50

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



GVM TEST HOUSE
AND RESEARCH CENTRE

DINESH BURDE

(Signature)
Authorised Signatory



Regd. Office:

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

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