Test Report

Date: 23/02/2020

To,
Dr. Ruchi Grower
(Director)
M/s. OXYCOAT
20/80 Second Floor, Shakti Nagar, New Delhi-110007

Ref. No. Email dated: 19/10/2019
Sample Received: 21/10/2019
Testing Date:21/10/2019 & 19/12/2019
URL:*TC8480190000000041P*

Project No: SECC-89/B/19

Dear Sir,

Subject: - Laboratory Test of the OXYCOATS DUAL BARRIER HVAC COATING

Sr. No.	Test Methods and Conditions	Samples ID	Test Results
1	Impact Resistance (*ASTM D2794) Temperature: 23 ± 2 ºC Relative Humidity: 50 ± 5% Indenter Dia.= 15.6 mm Weight = 1593.6g	IM-01	Impact Energy = 4.65 J No stress marks or cracking
2	Pencil Hardness (ASTM D 3363) Temperature:25±2°C Relative Humidity: 50±5%	PH-01	5H
3.	Cross Hatch Adhesion (ASTM D3359) Temperature: 23 ± 2 ºC Relative Humidity: 50 ± 5%	A-01	Rating 5B
4.	Salt Fog Test (*ASTM B117-18) Test Electrolyte: 5 wt.% NaCl solution at 32 ± 5°C Test Duration: 3000hours DFT: 50-60 µm Substrate- Copper	C-1 C-2 C-3	PASS No any sign of Blistering ,Rusting, Discoloration and Delamination

5.	Taber Abrasion Test (*ASTM D4060) Temperature: 23 ± 2 ºC Relative Humidity: 50 ± 5% 1000 cycles, CS-17 Wheel, 1Kg load	TA-01	Average Weight loss = 0.065 g

-This report contains the results pertain to the test samples submitted to Surface Engineering and Coating Consultant (SECC). This report should only be reproduced in full with the permission of SECC. We do not accept any liability if this report is used for an alternative purpose from which it is intended. No addition to, deviation or exclusion from the test methods used were done.
**NABL Accredited Test*
Photographs and observations are enclosed.

Mr. Akshay Patil
(Technical Manager)

Prof. A. S. Khanna
(Approval Authority)

Office Address: - UG-27, Dreams The Mall, L.B.S. Road, Bhandup (West), Mumbai-78
Email: - info@secclab.com, *W:* - *www.secclab.com*, Telephone: 022 21661249 & 022 49792544

Salt Spray Test

(a)

(b)

Figure 1 Photographs of the samples (a) before and (b) after 3000 hours of Salt Spray Test.

--End of the Report--