



**TESTING OF COATED METAL PANELS**  
**UM/MT/58/01/23**

Date : 17<sup>th</sup> January 2023

Client : Canelro Colour Coatings Pvt. Ltd  
Yakkala



# **TESTING OF COATED METAL PANELS**

**Report No** : UM/MT/58/01/23  
**Client** : Canelro Colour Coatings Pvt. Ltd  
**Client's reference** : Letters dated 05<sup>th</sup> December 2022  
**Sample** :

<b>Sample Description</b>	<b>Quantity</b>
Samples of Coated Metal Sheet 75mmX150mm designated as A and B	03 each

**Tests Performed** : As indicated in results section

**Results** :

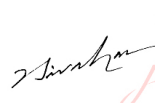
<b>Test</b>	<b>Test Procedure</b>	<b>Result</b>	
		<b>Sample A</b>	<b>Sample B</b>
<b>CORROSION TEST</b>	Test at 35+/-1°C with 5% NaCl in distilled water for 740 hours. Panels placed 30 degree to vertical. Fog collection 1.75 ml/h. Examined after peeling with adhesive tape, subsequent to 30 min form removing from cabinet and cleaning and drying the sample. Test as per ASTM B117-2018 and ASTM D1654-2008	Maximum creepage along X mark was observed to be 2 mm on either side. No rust, no blister and no adhesion failure beyond 3 mm from X mark	Maximum creepage along X mark was observed to be 2.3 mm on either side. No rust, no blister and no adhesion failure beyond 3 mm from X mark
			

**Report prepared by** :



Digitally signed by V.S.C.  
Weragoda  
Date: 2023.01.16 14:25:20  
+05'30'

Mr. V.S.C. Weragoda,  
Senior Lecturer,  
Department of Materials Science and Engineering.



Digitally signed by  
Head/Materials  
Date: 2023.01.16  
14:45:20 +05'30'

Mr. V. Sivahar  
Head, Department of Materials Science and Engineering,  
University of Moratuwa.

***This report refers specifically to the sample submitted for testing by the client to the Department of Materials Science and Engineering at University of Moratuwa.***