SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)



An ISO - 9001:2008 Certified Institute

## **TEST CERTIFICATE**

000374306

Issued to : WONDER ALU BOARD OVERSEAS 275, IIIRD FLOOR, RAJDHANI ENCLAVE PITAMPURA NEW DELHI - 110034

J.O.No. Reg.No. Date

503-141-2486 1371484 13-08-2015 GC-01 (REV-04)

## Kind Attn: MR SACHIN SINGHAL, MANAGER HR

Sample Particulars:

Date

Your Ref.No.

One sample described as Aluminum Composite Panel thickness 4 mm, Coil Thickness 0.50 mm, was received "The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in the test certificate are based on declaration by the party".

## **TEST RESULTS**

<u>S.No.</u>	<u>Tests</u>	Results	Protocol / Technique adopted
Α	Physical Properties of W	<sup>7</sup> onder Composite Panel	
1.	Weight, kg/m <sup>2</sup>	5.9	Using Weighing Balance
2.	Panel Width, mm	990	Using Measuring Scale
3.	Panel Length, mm	990	Using Measuring Scale
4	Panel Thickness,mm	4	Using Vernier Caliper
5	Density at 27°C, g//cm <sup>3</sup> (Polyethylene Core)	0.94	As per ASTM D 792-08
6	Bond Integrity, N/mm (Peeling Strength)	10.7	As per ASTM D 903-08
7	Tensile Strength, kg/mm <sup>2</sup>	5.1	As per ASTM E 8-10
8	Yield Strength, kg/mm <sup>2</sup>	4.5	As per ASTM E 8-10
9	Elongation, %	5	As per ASTM E 8-10
10	Flexural Strength, kg/mm <sup>2</sup>	12.1	As per ASTM D 790-08
11	Ultimate Compressive Strength, MPa	55.6	As per ASTM C 365-10
12	Water absorption, %	Nil	As per ASTM D 570-10
13	Deflection Temperatyure, (under 1.8 MPa)	°C 82	As pe ASTM MD 648-10
<b>B</b> 1 2 3 4 5	Properties of Aluminium Skin thickness, mm Tensile Strength, N/mm <sup>2</sup> Yield Strength, N/mm <sup>2</sup> Elongation, % Modulus of Elasticity, kg/n	0.5 146 131 2	Using Thickness gauge As per ASTM E 8-10 As per ASTM E 8-10 As per ASTM E 8-10 As per ASTM E 8-10
	o Report No. 374307 (Page		AUTHORISED SIGNATORY (EMPLOYEE CODE: 6094)

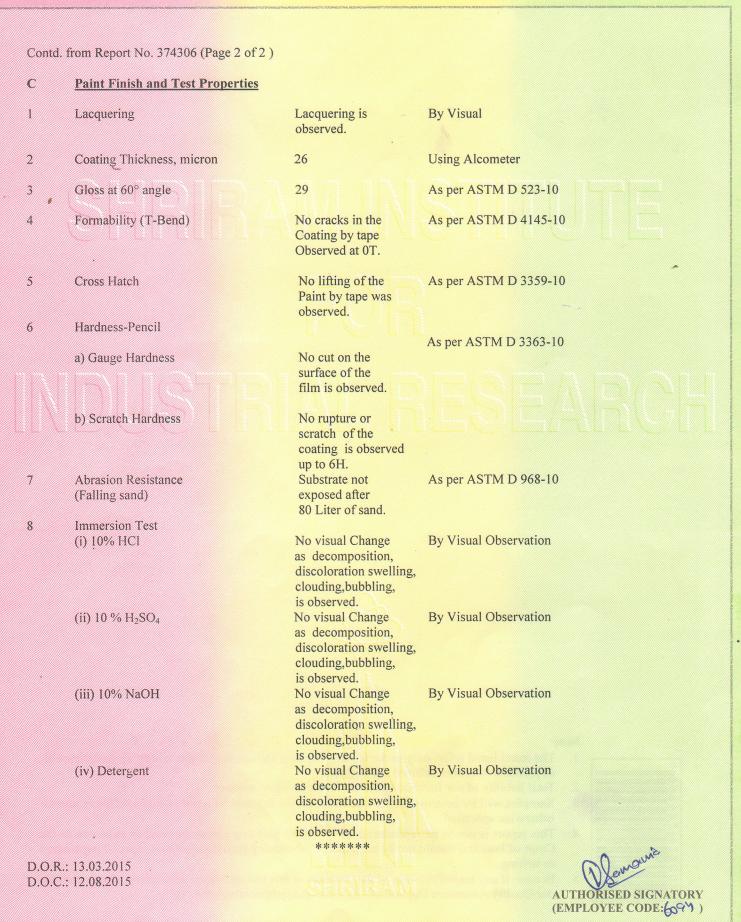
19, University Road, Delhi - 110007. E-Mail: sridlhi@vsnl.com Website: http://www.shriraminstitute.org Ph: 91-11-27667267, 27667983, 27667860 Fax: 91-11-27667676, 27667207 SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

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