



सत्यमेव जयते

भारत सरकार Government of India
राष्ट्रीय परीक्षण शाला (पू.क्षे.)
National Test House (ER)
राष्ट्रीय परीक्षण शाला (पू.क्षे.), 11/1, जज्जेस कोर्ट रोड, अलीपुर, कोलकाता, पश्चिम बंगाल - 700027
11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



PART A. PARTICULARS OF SAMPLE SUBMITTED

COMPLETE TEST CERTIFICATE

भाग 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/Test Certificate No: NTH(ER)/RPPT/23/3095_1	SRF Number: NTH(ER)/RPPT/23/3095	जारी होने की तिथि/Date of issue 12 Apr, 2023	कोड सं/QR Code : NTH230018920
a) जिसे जारी करना है/Issued To	:	Super Creations Interiors & Exteriors Pvt Ltd	
b) पता/Address	:	DNo 4-42 1038/D Survey no-484 & 492 Paparayadu Nagar Kukatpally Hyderabad, Hyderabad, Hyderabad, Telangana, India - 500072	
c) ग्राहक का संदर्भ सं एवं दिनांक/ Customer's Ref. No.	:	TR/ER/23/1278 - 20 Feb, 2023	
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Applicable	
e) परीक्षण सामग्री का विवरण/ Description of Test item	:	DEBO INDIA HPL(HGS Type)	
e) नामपद्धति का विवरण/Description of Nomenclature	:	DEBO INDIA HPL(HGS Type)	
f) नमूना का विशिष्टता (यदि हो)/ Product Specification(if any)	:	IS 2046 (1995) - Decorative Thermosetting Synthetic Resin Bonded Laminated Sheets	
g) नमूना प्राप्त की तिथि /Date of Receipt of the Test item	:	28 Feb, 2023	
h) कार्य सम्पादन की तिथि/Date(s)of Performance of Tests	:	From: 09 Mar, 2023 To: 12 Apr, 2023	
i) Quantity	:	2.0 Nos	
j) Any other Information / Expiry Date, if any	:	As per request	
k) Section Code	:	23CHP2B9FN, 23RP1F8CN	
l) Section Report No.	:	23CHP2B9FN_1, 23RP1F8CN_1	
m) Report Type	:	New	
n) Reference Report No.	:		
o) Remarks	:	Please find the Test Report.	

Arvind Singh Negi
OIC SAMPLE CELL
(Authorized Signatory)
Authorized on: 12 Apr, 2023 13:53 PM

The certificate relates only to Test/Calibration item submitted to the laboratory for Testing/Calibration. This certificate cannot be reproduced except in full without written approval of the competent Authority of NTH.

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11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



Section Report No. : 23CHP2B9FN_1

IS 2046 (1995)

PART B. SUPPLEMENTARY INFORMATION

1.	नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो। Reference to sampling procedure, wherever applicable.	Not Applicable
2.	परीक्षण रिपोर्ट से संबंधित मापन एवं परिमाण प्रप्ति हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और / अथवा फोटोग्राफ, यदि कोई हो। Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any.	Not Applicable
3.	सम्बद्ध मानक / कार्य निर्देशों में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो। Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.	Not Applicable
4.	परीक्षण सामग्री की पहचान/identification of Test item	HPL (HGS Type)
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	On the lines of relevant parts of IS and ASTM
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	NA
7.	पर्यावरण की स्थिति/Environmental Conditions	-
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	Xenon arc wetherometer, abrasion tester(Taber)
9.	कैलिब्रेशन स्थल/Site of Calibration	NA
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

AJAY APPARAO UKARANDE
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
(Authorized Signatory)
Authorized on: 30 Mar, 2023 12:04 PM

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11/1, Judges' Court Road, Alipore, Kolkata, West Bengal - 700027



Section Report No. : 23CHP2B9FN_1

IS 2046 (1995)

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	5.5	Resistance to colour change in Xenon arc light	Resistance to colour change in Xenon arc light	-	-	-	Superior to blue wool standard No.6 and comparable to blue wool standard No.8 in appearance and grey scale Rating is greater than 4 (Rating 5) for contrast.
2	5.5	Resistance to Scratching	Resistance to Scratching	-	-	N	3 (N)
3	5.5	Resistance to surface wear	Resistance to Surface Wear	-	-	-	765 (Revolutions)

SONA RAM BASKEY
Lab Sc. Testing/Calibration Chemical (Paint, High Polymer,
Outdoor)
(Authorized Signatory)

AJAY APPARAO UKARANDE
OIC Testing/Calibration Chemical (Paint, High Polymer,
Outdoor)
(Authorized Signatory)
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Section Report No. : 23CHP2B9FN_1

IS 2046 (1995)

PART D. REMARKS

Nil

PART D. Notes

Nil

AJAY APPARAO UKARANDE
OIC Testing/Calibration Chemical (Paint, High Polymer, Outdoor)
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700091
Block-C.P, Sector-V, Salt Lake, Kolkata, West Bengal - 700091



Section Report No. : 23RP1F8CN_1

IS 2046 (1995)

PART B. SUPPLEMENTARY INFORMATION

1.	नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो! Reference to sampling procedure, wherever applicable.	Not Applicable
2.	परीक्षण रिपोर्ट से संबंधित मापन एवं परिमाण प्रप्ति हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और / अथवा फोटोग्राफ, यदि कोई हो। Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test report, if any.	Not Applicable
3.	सम्बन्ध मानक / कार्य निर्देशों में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो। Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.	Not Applicable
4.	परीक्षण सामग्री की पहचान/identification of Test item	Sample stated as "DEBO INDIA (HGS Type)"
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	IS:2046-1995
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	NA.
7.	पर्यावरण की स्थिति/Environmental Conditions	-
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	-
9.	कैलिब्रेशन स्थल/Site of Calibration	-
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	-

Umesh Prasad Parida
OIC Testing/Calibration RPPT
(Authorized Signatory)
Authorized on: 12 Apr, 2023 12:48 PM

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 700091
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Section Report No. : 23RP1F8CN_1

IS 2046 (1995)

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	5.5	Resistance to Steam	Resistance to Steam	-	-	-	Rating 5 (Requirement : Not worse than 4)
2	5.5	Resistance to Cigarette Burns	Resistance to Cigarette Burns	-	-	-	Rating 5 (Requirement : Not worse than 3)
3	5.5	Resistance to Staining	Resistance to Staining	-	-	-	i) Rating 5 (Requirement : Group 1 & 2 Not worse than 5) ii) Rating 5 (Requirement : Group 3 & 4 Not worse than 4)
4	5.5	Resistance to Cracking	Resistance to Cracking	-	-	-	Rating 5 (Requirement : not worse than 4)
5	5.5	Dimensional Stability at 20 degC(T)	Dimensional Stability at 20 degC(T)	-	-	-	0.03 percent.
6	5.5	Dimensional Stability at 20 degC(L)	Dimensional Stability at 20 degC(L)	-	-	-	0.02 percent.
7	5.5	Dimensional Stability at Elevated Temperature(T)	Dimensional Stability at Elevated Temperature(T)	-	-	-	0.06 percent.
8	5.5	Dimensional Stability at Elevated Temperature (L)	Dimensional Stability at Elevated Temperature (L)	-	-	-	0.04 percent.
9	5.5.3	Resistance to Dry Heat at 180 degC.	Resistance to Dry Heat at 180 degC.	-	-	-	Degree 4 [Requirement :Grade (not worse than 3)]
10	5.5	Resistance to immersion in boiling water (Appearance)	Resistance to immersion in boiling water (Appearance)	-	-	-	Degree 5 (Requirement : not worse than 4)
11	5.5	Resistance to immersion in Boiling water(thickness increase)	Resistance to immersion in Boiling water(thickness increase)	-	2.0	%	0.3
12	5.5	Resistance to immersion in Boiling water(mass increase)	Resistance to immersion in Boiling water(mass increase)	-	2.0	%	1
13	5.4.8	Squareness of laminates	Squareness of Laminates	-	-	-	0.6 mm (Requirement : not more than 1.5 mm)
14	5.4.7	Straightness of Edges	Straightness of Edges	-	-	-	0.4 mm (Requirement : not more than 1.5 mm)
15	5.4.6	Length and Width	Length and Width	-	-	-	i) Length : 1110 mm ii) Width : 1110 mm
16	5.4.5	Warping (Flatness)	Warping (Flatness)	-	-	-	Nil
17	5.4.4	Sanding Defects	Sanding Defects	-	-	-	Satisfactory . (Requirement: Shall be satisfactory)
18	5.4.3	Broken Corners	Broken Corners	-	-	-	Satisfactory . (Requirement: Shall be satisfactory)

19	5.4.2	Edge Defects	Edge Defects	-	-	-	Satisfactory . (Requirement: Shall be satisfactory)
20	5.4.1	Surface Defects	Surface Defects	-	-	-	Satisfactory . (Requirement: Shall be satisfactory)
21	5.3	Thickness	Thickness	-	-	-	12.02 mm
22	5.2.1	Surface Finish	Surface Finish	-	-	-	Satisfactory.
23	5.1	Colour and pattern	Colour and Pattern	-	-	-	Plain grey colour sheet.

PUSPARAJ Patel
Lab Sc. Testing/Calibration RPPT
 (Authorized Signatory)

Umesh Prasad Parida
OIC Testing/Calibration RPPT
 (Authorized Signatory)
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Section Report No. : 23RP1F8CN_1

IS 2046 (1995)

PART D. REMARKS

In respect tests carried out, the sample meets the requirements of IS : 2046-1995.

PART D. Notes

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Umesh Prasad Parida
OIC Testing/Calibration RPPT
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