



SAMRAT LAMINATES
TEST REPORT
AND
CERTIFICATIONS

1ST
JAN

2024

C O N T E N T S

01

ABOUT US

02

**WHY CHOOSE SAMRAT
DECORATIVE LAMINATES?**

03

**BRIEF OVERVIEW OF HIGH
PRESSURE LAMINATE**

04

LAMINATES PRODUCTS AT A GLANCE

05

PAN INDIA AND GLOBAL PRESENCE

06

TEST REPORTS

07

SUMMARY OF KEY TEST RESULTS

08

CERTIFICATIONS



37
YEARS OF SUCCESS

ABOUT US

Samrat, a brand made in India and world-class, has been in the manufacturing of premium quality Plywood, Laminates and HPL Claddings for more than 35 years.

Since its inception in 1988, Samrat has advanced significantly and now is one of the leading companies in the Plywood and Laminate industry in India. All Products are manufactured at 3 state-of-the-art factories situated in North India. Samrat products provide the highest calibre goods in the market, and as a result, we have achieved the milestone in achieving very prestigious certifications such as CE, CARB, FSC, FR: BS1D0, E0, E05, GRIHA, GREEN PRO, ISI, ISO, EN 636, Anti Viral and Antibacterial.

The working pattern revolves around the Values, Vision and Mission which further makes sure that all customers are satisfied at the highest level in terms of communications, service and quality. As a result of this Samrat Plywood has been able to create its presence in 21 states in India along with a global presence in 25 countries.

WHY CHOOSE SAMRAT DECORATIVE LAMINATES ?

- **Abrasion:** All Sheets by Samrat are manufactured with ADO Tissue by Glatfalter to increase abrasive power.
- **Resins:** In Samrat, 100 % Phenolic resins are used to increase the durability of the product.
- **Papers:** Decorative papers in Samrat Laminates Range are selected from reputed printers globally like Schattdecor, Lamigraf, Chiyoda, Technocell etc.
- **Colour Matching:** Samrat works with 35 printers globally. This helps in colour-matching the majority of designs as per customer requirements.
- **Dimensions:** Samrat Offers Multiple sizes to accommodate the customer's requirements.
- **Lead Time:** Samrat offers dedicated commitments to maintaining the supply chain schedules.
- **Innovation:** Samrat maintains constant innovation exercises to stay updated with the market trends.
- **Tests and Certificates:** Samrat products are certified and tested with the best of the authorities and laboratories to make them applicable for major project specifications globally.
- **Design Range:** Samrat has over 1000 Designs and textures in the total portfolio to meet the varied customer tastes and preferences.
- **Specifications:** Samrat Laminates is highly specified by more than 3000 architects all across the network.
- **Hygiene:** With Antimicrobial and anti-viral ingredients, Samrat Laminate becomes the perfect interior product for hygienic environments.
- **Network:** Samrat caters to more than 30000 Dealers through a robust distribution network of 250 channel partners globally.



BRIEF OVERVIEW OF HIGH PRESSURE LAMINATE

High Pressure Laminates are regarded as one of the most durable decorative surface materials, and it is available with a variety of special performance properties such as chemical, fire, and wears resistance. High-pressure laminates may be the answer if you need a versatile surfacing solution.

HOW IS IT CREATED

High Pressure Laminates are created by infusing phenolic resin into multiple layers of kraft paper. Before pressing, a layer of printed decorative paper is placed at the top of the kraft paper. Under heat and pressure, the resulting sandwich is fused together (more than 1,000 PSI). Because phenolic and melamine resins are thermoset plastics, the curing process converts the resin into plastic via a cross-linking process, which transforms the paper sheets into a single, rigid laminated sheet. Thermo-setting forms strong, irreversible bonds that contribute to the durability of HPL.

BENEFITS OF HIGH PRESSURE LAMINATES

HPL laminates, as we all know, are primarily designed and developed for commercial surfaces and spaces where heavy objects are placed. We need to understand why using high pressure laminates has a variety of benefits, which are discussed further below.

PROVIDES HIGH DURABILITY

The high pressure laminates' most important feature is their durability. It is designed to withstand the weight of high-pressure objects by being impact-resistant, scratch-resistant, and abrasion-resistant. Surfaces such as cabinet doors, reception areas, cubicles, and check-out stands are laminated with HPL to make them more functional and appealing.

LOW HEAT CONDUCTION

The heat conductivity of high pressure laminates is another advantage. Yes, it does not get too hot in the summers or too cold in the winters. You can install HPL in a location where the temperature remains high to keep it from becoming warm or normal in extremely cold conditions.

MOISTURE AND WATERPROOF RESISTANCE

To make laminates waterproof, additional layers of plastic sheets are added. This feature is another benefit for users who intend to install the High Pressure Laminates in areas where moisture levels are typically high. It is resistant to humidity and moisture, making it ideal for spaces that are frequently exposed to such conditions.

STYLISH AND INNOVATIVE DESIGNS

If you want modern and stylish laminate sheets, in addition to durability and extreme weather resistance, High Pressure Laminates are the best option. HPL is manufactured in modern and innovative designs with a stylish appearance, and it is available in a variety of options to match your favourite spaces such as wall panels, furniture, cabinets, and so on.

LOW AND EASY MAINTENANCE

Another benefit of high pressure laminate is that it is simple to clean and maintain. To remove blemishes from such laminates, use a liquid cleaner and a sponge. HPL laminates are simple to clean with a microfiber or a glass cleaner due to their stain and heat resistance. High pressure laminates have a low maintenance requirement, making them a popular choice for customers looking for a surface that requires regular cleaning and maintenance.

VERSATILE APPLICABILITY

The best feature of HPL is that it can be used for a variety of surface areas. Yes, HPL can be installed vertically as well as horizontally in a variety of locations. You can use it in a variety of settings, sizes, and structures, such as commercial and residential buildings with varying levels of customization. HPL can be used on walls, cupboard doors, partitions, shelving units, lobbies, and cubicles.

When considering the benefits of high pressure laminates, it is clear that it may be the most versatile type of laminate that can be used in a variety of settings. It can provide your entire building with the most innovative look possible, as well as durability and a smooth surface.

LAMINATES PRODUCTS AT A GLANCE

- Decorative Laminates
- Post Forming Laminates
- Fire Retardant Laminates
- Chemical Resistant Laminates
- Digital Laminates
- Metallic Laminates
- Unicore Laminates
- Flicker Laminates
- HPL for Sandwich Panels
- Chalk and Marker Board Laminates
- Anti Finger Print Laminates
- Liner Laminates
- Compact HPL
- Exterior Grade HPL
- Interior Grade HPL
- Anti-Bacterial Clean Room HPL

THICKNESS :

- 0.6 mm
- 0.7 mm
- 0.8 mm
- 0.9 mm
- 1.0 mm
- 1.2 mm
- 1.5 mm

SIZES OFFERED :

- 1300 mm x 3050 mm
- 1220 mm x 3050 mm
- 1300 mm x 2800 mm
- 1220 mm x 2440 mm
- 900 mm x 2150 mm

PAN INDIA AND GLOBAL PRESENCE

Samrat Mica stands tall with its widespread presence across India, facilitated by a comprehensive distribution network that reaches every major state and city. Beyond borders, our commitment extends globally, as we proudly serve as leading exporters to over 25 countries, fostering strong connections on an international scale.”

Network Strength :

Channel Partners Network : 250+
Dealer Network : 30000+
Global Channel Partners : 50+



TEST REPORTS

- RESISTANCE TO SCRATCHING
- RESISTANCE TO IMPRESSION IN BOILING WATER
- RESISTANCE TO IMPACT BY SMALL DIAMETER BALL
- RESISTANCE TO DRY HEAT at 160° C
- RESISTANCE TO WET HEAT at 100° C
- RESISTANCE TO SURFACE WEAR
- STAIN RESISTANCE
- DIMENSIONAL STABILITY
- SURFACE FINISH
- SURFACE QUALITY
- EDGE QUALITY
- VISUAL INSPECTION
- RESISTANCE TO WATER VAPOUR
- FLATNESS
- DENSITY
- STRAIGHTNESS
- DIMENSION
- RESISTANCE TO IMPACT BY LARGE DIAMETER BALL
- LIGHT FASTNESS
- RESISTANCE TO STAINING
- FORMALDEHYDE CONTANT
- ANTI VIRAL
- ANTI-BACTERIAL
- FR:BS1D0
- COEFFICIENT OF LINEAR EXPANSION
- THERMAL CONDUCTIVITY TEST REPORT
- ACID RAIN RESISTANCE OF CLADS

 **BACK**

SUMMARY OF KEY TEST RESULTS

| Sr. No | Test | Test Method | Requirement | Result | | |
|---|---|--|---|--|---|--------------|
| 1 | Resistance To Scratching | EN 438-2-25 | Min. 3 | 4 | | |
| 2 | Resistance To Impression In Boiling Water | EN 438-2-12 | Gloss Finish | Min. 3 | 4 | |
| | | | Other Finish | Min. 4 | 5 | |
| 3 | Resistance To Impact By Small Diameter Ball | En 438-2-20 | Min. 25 | 30 | | |
| 4 | Resistance To Dry Heat At 160° C | EN 438-2-16 | Gloss Finish | Min. 3 | 4 | |
| | | | Other Finish | Min. 4 | 5 | |
| 5 | Resistance To Wet Heat At 100° C | EN 438-2-18 | Gloss Finish | Min. 3 | 4 | |
| | | | Other Finish | Min. 4 | 5 | |
| 6 | Resistance To Surface Wear | EN 438-2-10 | ≥350 | 420 | | |
| 7 | Stain Resistance | EN 438-2-26 | Group 1 & 2 | Min. 5 | 5 | |
| | | | Group 3 | Min. 4 | 5 | |
| 8 | Dimensional Stability | EN-438-2-17 | Machine Direction | Min. 0.45 | 0.059 | |
| | | | Cross Direction | Min. 0.90 | 0.097 | |
| 9 | Surface Finish | EN 438-3-6.2.3 | | No Significant Colour & gloss change observed | | |
| 10 | Surface Quality | EN 438-3-6.2.5.2 | | No sign of dirt, Spots, scratches or other defects observed | | |
| 11 | Edge Quality | EN 438-3-6.2.5.3 | | No sign of moisture marks and corner damage observed on four edges of the laminate | | |
| 12 | Visual Inspection | EN 438-3-6.2.5 | | Satisfactory | | |
| 13 | Resistance To Water Vapour | EN 438-2-16 | Gloss Finish | Min. 3 | 4 | |
| | | | Other Finish | Min. 5 | 5 | |
| 14 | Flatness | EN 438-2-9 | ≤60 | 1.02 | | |
| 15 | Density | EN ISO 1183-1 | ≥1.35 | 1.44 | | |
| 16 | Straightness | EN 438-2-7 | ≤1.5 | 0.082 | | |
| 17 | Dimension | Length | EN 438-2-6 | =10/0 | 1001 | |
| | | Width | | =10/0 | 998 | |
| | | Thickness | EN 438-2-5 | 0.5 to 2.0± (0.10 to 0.15) | 0.60 | |
| 18 | Resistance To Impact By Large Diameter Ball | EN 438-2-21 | Min. 1000 | 1800 | | |
| 19 | Light Fastness | EN 438-2-29 | Min. 5 | 5 | | |
| 20 | Staining Agent | | Contact Time | Observation | Result | |
| | Toothpaste, Handcream, Urine, Alcoholic Beverages, Natural Fruits And Vegetable Juices, Lemonade And Fruit Drinks, Meat And Sausages, Animals And Vegetables Fats And Oils, Water, Yeast Suspension In Water, Salt (Nacii) Solution | | 16 Hours | No Visible Changes | Rating 5 | |
| | Cleaning Solution | Dedocyl Benzene Sulfonate (23%) | | | | |
| | | Alkyl Aryl Poly Glycol Ether (10%) | | | | |
| | | Water (67%) | | | | |
| | Commercial Disinfectants | | | | | |
| Stain Or Paint Removers Based On Organic Solvents | | | | | | |
| Citric Acid (10% Solution) | | | | | | |
| 21 | Formaldehyde Contant | Astm D6191 | | <1 | | |
| 22 | Anti - Viral | Exptl. Condition Control (A) (Pfu/ MI) | Neutralizer Toxicity Control (B) (Pfu/ MI) | Dilution-Neutralization Control (C) (Pfu/ MI) | Result | |
| | Ms2 Bacteriophage | 50 | 52 | 54 | Satisfactory | |
| 23 | Anti Viral | Quantitative Assessment Of Antiviral Activity -Iso 21702: 2019 | | | Result | |
| | | Untreated: Average No. Of Plaques Recovered At 0 Hours (U0): 1.00x 10 ⁵ Pfu/Sq. Cm. | | | Log = 5.00 | Satisfactory |
| | | Untreated: Average No. Of Plaques Recovered At 24 Hours (Ut): 1.24 X 10 ⁵ Pfu/Sq. Cm. | | | Log = 5.09 | |
| | | Average No. Of Plaques Recovered From Treated (At) | Log Of Plaques Recovered From Treated (At) | Antiviral Activity(R) (Log Ut- At) | Virus Reduction Percentage | |
| | | < 10 | <1 | >4.09 | >99.99 | |
| 24 | Anti-Bacterial | Quantitative Assessment Of Activity: Jis Z 2801: 2010; Amendment 1: 2012 | | | Result | |
| | | Untreated Control: Inoculum On Untreated Sample At 0 Hours (U0) CfU/Cm ² | | | Satisfactory | |
| | | Untreated Control: Inoculum On Untreated Sample After 24 Hours (Ut) CfU/Cm ² | | | | |
| | | Sample Identification | No. Bacteria On Treated Sample CfU/Cm² (At) | Log Of Bacteria On Treated Sample (At) | Antimicrobial Activity R = (Ut - U0) - (At - U0) | |
| | | High Pressure Laminate | <6.25 | <0.80 | >4.21 (>99.99%) | |
| 25 | Anti-Bacterial | Quantitative Assessment Of Activity: Jis Z 2801: 2010; Amendment 1: 2012 | | | Result | |
| | | Untreated Control: Inoculum On Untreated Sample At 0 Hours (U0) CfU/Cm ² | | | Satisfactory | |
| | | Untreated Control: Inoculum On Untreated Sample After 24 Hours (Ut) CfU/Cm ² | | | | |
| | | Sample Identification | No. Bacteria On Treated Sample CfU/Cm² (At) | Log Of Bacteria On Treated Sample (At) | Antimicrobial Activity R = (Ut - U0) - (At - U0) | |
| | | High Pressure Laminate | <6.25 | <0.80 | >4.61 (>99.99%) | |
| 26 | Fire Resistant | | Requirement | Result | | |
| | Smoke Development En-13501-L | | Very Limited Smoke Development Of Class S1 | Yes | | |
| | Burning Droplets En-13501-L | | No Burning Droplets Or Particle Of Class D0 | Yes | | |

TEST REPORT ON RESISTANCE TO SCRATCHING



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO SCRATCHING

| | | | |
|-----------------------------|--|----------------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/1 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result |
|--------------------------|-------------|--------|-------------|--------|
| Resistance To Scratching | EN 438-2-25 | Rating | Min.3 | 4 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

End of text-



TEST REPORT ON RESISTANCE TO IMMERSION IN BOILING WATER



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO IMMERSION IN BOILING WATER

| | | | |
|----------------------|--|---------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/2 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Results

| Test | Test Method | Unit | Requirement | Result | |
|--|--------------|-------------|-------------|--------|---|
| Resistance to immersion in boiling water | Gloss Finish | EN 438-2-12 | Rating | Min.3 | 4 |
| | Other Finish | | | Min.4 | 5 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


 S. Sarath Kumar
 Head of Department



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

-End of text-

TEST REPORT ON RESISTANCE TO IMPACT BY SMALL DIAMETER BALL



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO IMPACT BY SMALL DIAMETER BALL

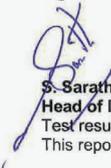
| | | | |
|----------------------|--|---------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/3 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

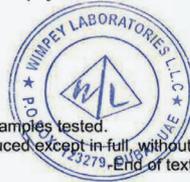
| Test | Test Method | Unit | Requirement | Result |
|--|-------------|------|-------------|--------|
| Resistance To Impact By Small Diameter Ball | EN 438-2-20 | N | Min.25 | 30 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
End of text



TEST REPORT ON RESISTANCE TO DRY HEAT



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO DRY HEAT

| | | | |
|-----------------------------|--|----------------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/4 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | | Test Method | Unit | Requirement | Result |
|---------------------------------|--------------|-------------|--------|-------------|--------|
| Resistance to Dry Heat at 160°C | Gloss Finish | EN 438-2-16 | Rating | Min.3 | 4 |
| | Other Finish | | | Min.4 | 5 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.
123279-End of text-



TEST REPORT ON RESISTANCE TO WET HEAT



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO WET HEAT

| | | | |
|----------------------|--|---------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/5 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result | |
|---------------------------------|--------------|-------------|-------------|--------|---|
| Resistance to Wet Heat at 100°C | Gloss Finish | EN 438-2-18 | Rating | Min.3 | 4 |
| | Other Finish | | | Min.4 | 5 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
End of text.

TEST REPORT ON RESISTANCE TO SURFACE WEAR



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO SURFACE WEAR

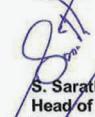
| | | | |
|-----------------------------|--|----------------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/6 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result |
|----------------------------|-------------|------|-------------|--------|
| Resistance To Surface Wear | EN 438-2-10 | rpm | ≥350 | 420 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.

This report shall not be reproduced except in full without the written approval of the laboratory.

-End of text-



TEST REPORT ON STAIN RESISTANCE



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON STAIN RESISTANCE

| | | | |
|-----------------------------|--|----------------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/7 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result | |
|------------------|-------------|-------------|-------------|--------|---|
| Stain Resistance | Group 1 & 2 | EN 438-2-26 | Rating | Min.5 | 5 |
| | Group 3 | | | Min.4 | 5 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

End of text-

TEST REPORT ON DIMENSIONAL STABILITY AT ELEVATED TEMPERATURE



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON DIMENSIONAL STABILITY AT ELEVATED TEMPERATURE

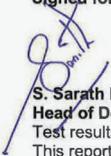
| | | | |
|----------------------|--|---------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/8 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

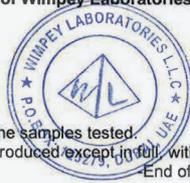
Test Result

| Test | Test Method | Unit | Requirement | Result |
|-----------------------|-------------------|--------|-------------|--------|
| Dimensional Stability | Machine Direction | Rating | Min.0.45 | 0.059 |
| | Cross Direction | | Min.0.90 | 0.097 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.

This report shall not be reproduced, except in full, without the written approval of the laboratory.

End of text-



TEST REPORT ON SURFACE FINISH



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON SURFACE FINISH

| | | | |
|----------------------|--|---------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/9 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Result |
|----------------|----------------|--|
| Surface Finish | EN 438-3-6.2.3 | No significant color and gloss change observed |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
End of text-





TEST REPORT ON SURFACE QUALITY



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON SURFACE QUALITY

| | | | |
|----------------------|--|---------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/10 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Result |
|-----------------|------------------|--|
| Surface Quality | EN 438-3-6.2.5.2 | No signs of dirt, spots, scratches or other defects observed |

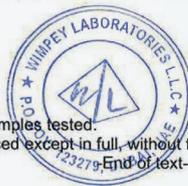
Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.



End of text



TEST REPORT ON EDGE QUALITY



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON EDGE QUALITY

| | | | |
|----------------------|--|---------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/11 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Result |
|--------------|------------------|--|
| Edge Quality | EN 438-3-6.2.5.3 | No signs of moisture marks and corner damage observed on four edges of the laminate. |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
End of text-



TEST REPORT ON VISUAL INSPECTION



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON VISUAL INSPECTION

| | | | |
|----------------------|--|---------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/12 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Result |
|-------------------|----------------|--------------|
| Visual Inspection | EN 438-3-6.2.5 | Satisfactory |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

End of text-

TEST REPORT ON RESISTANCE TO WATER VAPOUR



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO WATER VAPOUR

| | | | |
|----------------------|--|---------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/13 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result | |
|----------------------------|--------------|-------------|-------------|--------|---|
| Resistance to Water Vapour | Gloss Finish | EN 438-2-16 | Rating | Min.3 | 4 |
| | Other Finish | | | Min.5 | 5 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.



S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
End of text.



TEST REPORT ON FLATNESS



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON FLATNESS

| | | | |
|----------------------|--|---------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/14 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

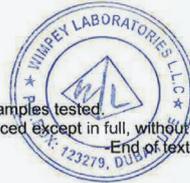
| Test | Test Method | Unit | Requirement | Result |
|----------|-------------|------|-------------|--------|
| Flatness | EN 438-2-9 | mm/m | ≤60 | 1.02 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarath Kumar
Head of Department
Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.



End of text



TEST REPORT ON DENSITY



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON DENSITY

| | | | |
|----------------------|--|---------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/15 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result |
|---------|---------------|------|-------------|--------|
| Density | EN ISO 1183-1 | g/cc | ≥1.35 | 1.44 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

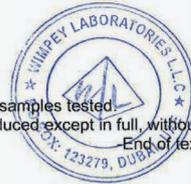


S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

End of text





TEST REPORT ON STRAIGHTNESS



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON STRAIGHTNESS

| | | | |
|----------------------|--|---------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/16 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result |
|--------------|-------------|------|-------------|--------|
| Straightness | EN 438-2-7 | mm/m | ≤1.5 | 0.082 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

End of text-





TEST REPORT ON DIMENSION



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON DIMENSION

| | | | |
|-----------------------------|--|----------------------------|---------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231211-0934/17 |
| Sample Description | HPL | Request No. | WD-Q-231211-0220 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231211-0892 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 11/12/2023 |
| Sampled By | Client | Date Test completed | 18/12/2023 |
| Sample brought in by | Client | Date Reported | 19/12/2023 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | | Test Method | Unit | Requirement | Result |
|-----------|-----------|-------------|------|------------------------------|--------|
| Dimension | Length | EN 438-2-6 | mm | +10/-0 | 1001 |
| | Width | | | +10/-0 | 998 |
| | Thickness | EN 438-2-5 | | 0.5 to2.0 ±(0.10 to 0.15) | 0.60 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.



S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.
This report shall not be reproduced except in full, without the written approval of the laboratory.
-End of text-

TEST REPORT ON RESISTANCE TO IMPACT BY LARGE DIAMETER BALL



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO IMPACT BY LARGE DIAMETER BALL

| | | | |
|-----------------------------|--|----------------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231230-0495/1 |
| Sample Description | HPL | Request No. | WD-Q-231230-0108 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231230-0464 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 30/12/2023 |
| Sampled By | Client | Date Test completed | 04/01/2024 |
| Sample brought in by | Client | Date Reported | 05/01/2024 |
| Wimpey Ref. No. | 23123009 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result |
|---|-------------|------|-------------|--------|
| Resistance To Impact by Large Diameter Ball | EN 438-2-21 | N | Min.1000 | 1800 |

Remark: None.

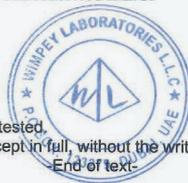
Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
Head of Department

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the laboratory.

End of text.





TEST REPORT ON LIGHT FASTNESS



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON LIGHT FASTNESS

| | | | |
|-----------------------------|--|----------------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Project Name | N.G | Lab Report No. | WD-R-231230-0495/2 |
| Sample Description | HPL | Request No. | WD-Q-231230-0108 |
| Test Specification | EN 438-3 :2016 | Sample No. | WD-S-231230-0464 |
| Source | SAMRAT PLYWOOD LIMITED (INDIA) | Date Received | 30/12/2023 |
| Sampled By | Client | Date Test completed | 04/01/2024 |
| Sample brought in by | Client | Date Reported | 05/01/2024 |
| Wimpey Ref. No. | 23121122 | Tested By | SU |

Test Result

| Test | Test Method | Unit | Requirement | Result |
|----------------|-------------|--------|-------------|--------|
| Light fastness | EN 438-2-29 | Rating | Min.5 | 5 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories L.L.C.


S. Sarath Kumar
 Head of Department

Test results relate only to the samples tested.
 This report shall not be reproduced except in full, without the written approval of the laboratory.



TEST REPORT ON RESISTANCE TO STAINING



WIMPEY LABORATORIES L.L.C.

TEST REPORT ON RESISTANCE TO STAINING

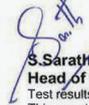
| | | | |
|--|--|---------------------|--------------------|
| Client | Samrat Plywood Ltd. Factory : Village Birplassi, NALAGARH, Himachal Pradesh, INDIA | | |
| Sample Description | MDF | Lab Report No. | WD-R-231211-0936/2 |
| Source | Samrat Plywood Ltd. (INDIA) | Request No. | WD-Q-231211-0221 |
| Test Method | EN 438-2:2016 | Sample No. | WD-S-231211-0893 |
| Test Temperature and Relative Humidity | 23°C 50% | Date Received | 11/12/2023 |
| Wimpey Ref No | 23121123 | Date Test Completed | 16/12/2023 |
| Tested By | SU | Date Reported | 19/12/2023 |

Test Results

| Staining Agent | Contact Time | Observation | Result | |
|---|--------------|---------------------|----------|------------------------------------|
| Toothpaste | 16 hours | No Visible Changes. | Rating 5 | |
| Hand Cream | | | | |
| Urine | | | | |
| Alcoholic beverages | | | | |
| Natural Fruit and vegetable juices | | | | |
| Lemonade and fruit drinks | | | | |
| Meat and sausages | | | | |
| Animals and Vegetables fats and oils | | | | |
| Water | | | | |
| Yeast suspension in water | | | | |
| Salt (NaCl) solution | | | | |
| Cleaning Solution | | | | |
| | | | | Dodecyl benzene sulfonate (23%) |
| | | | | Alkyl aryl poly glycol ether (10%) |
| Water (67%) | | | | |
| Commercial disinfectants | | | | |
| Stain or paint removers based on organic solvents | | | | |
| Citric acid (10% solution) | | | | |

Remarks: None

Signed for and on behalf of Wimpey Laboratories, L.L.C


S. Sarath Kumar
Head of Department



Test results relate only to the samples tested.
This report shall not be reproduced in full, without the written approval of the laboratory.
-End of text-



FORMALDEHYDE



WIMPEY LABORATORIES L.L.C.

LABORATORY REPORT

Samrat Plywood Ltd.
Village Birplassi, NALAGARH,
Himachal Pradesh, INDIA

Report No: WD-R-231211-0935
Sample No: WD-S-231211-0893
Date of Report: 25/12/2023

Introduction: As per the request received from M/s. Samrat Plywood Ltd on 11th December 2023, the sample of HPL was tested. Given below are the results obtained.

Sample Type : Wood
Request No : WD-Q-231211-0221
Sample Receiving Date : 11/12/2023.
Date Tested : 12/12/2023-25/12/2023.
Tested By : MR

General Information

Sample Description : HPL

Result of Analysis

| Test | Method | Unit | Result |
|----------------------|------------|------|--------|
| Formaldehyde Content | ASTM D6191 | ppm | <1 |

Remark: None.

Signed for and on behalf of Wimpey Laboratories LLC



Anandu VS
Section Incharge Chemistry-Specialty

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.
-End of text-



Form # WLRP 55 Issue No: Issued on: 24-01-2018

TEST REPORT ON ANTIVIRAL



BTS BIOTECH TESTING SERVICES
TEST REPORT

LAB NO: 24001071 DATE: 24/01/2024

NAME OF CUSTOMER : SAMRAT PLYWOOD LIMITED
ADDRESS : SGO 82/1, FIRST FLOOR, NAG MAHIMARA, CHANDIGARH 160101.
REFERENCE : Letter Ref. No dated December 26, 2023
DATE OF RECEIPT : 16/01/2024
DATE OF INITIATION : 19/01/2024
DATE OF COMPLETION : 24/01/2024
SAMPLE DESCRIPTION : Laminate sample labeled as-

| Sr No. | Description |
|-----------------------|------------------------|
| 1. | High Pressure Laminate |
| Untreated lab control | |

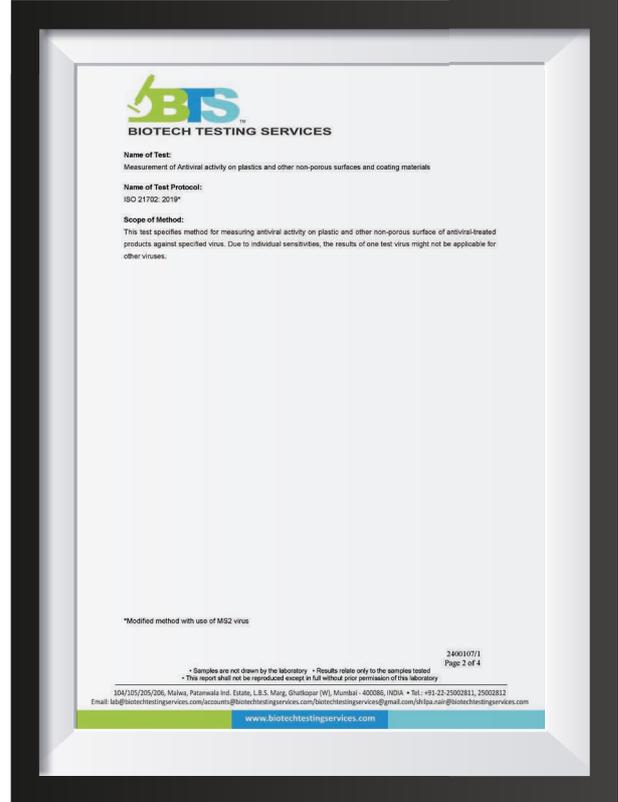


24001071
Page 1 of 4

* Samples are not drawn by the laboratory. * Results relate only to the samples tested
* This report shall not be reproduced except in full without prior permission of the laboratory

104/105/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatsapur (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/shipra.nair@biotechtestingservices.com

www.biotechtestingservices.com



BTS BIOTECH TESTING SERVICES

Name of Test:
Measurement of Antiviral activity on plastics and other non-porous surfaces and coating materials

Name of Test Protocol:
ISO 21702: 2019*

Scope of Method:
This test specifies method for measuring antiviral activity on plastic and other non-porous surface of antiviral-treated products against specified virus. Due to individual sensitivities, the results of one test virus might not be applicable for other viruses.

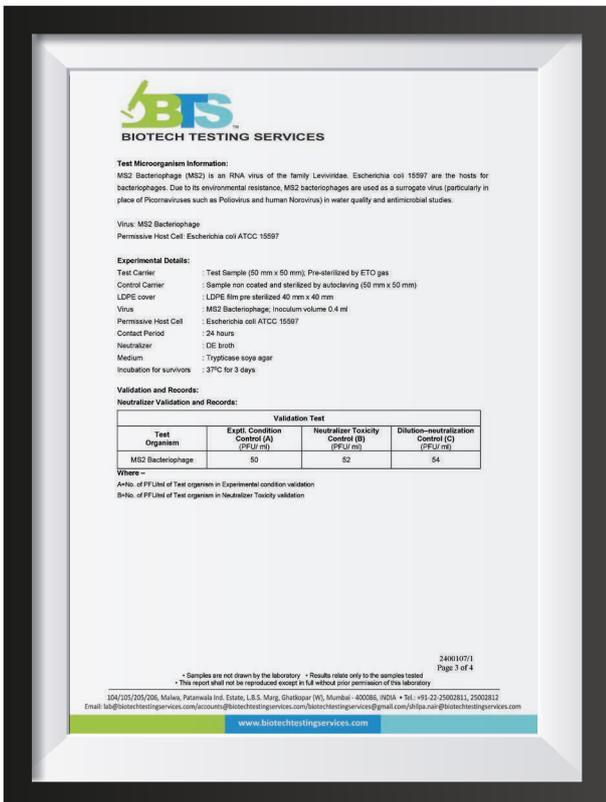
*Modified method with use of MS2 virus

24001071
Page 2 of 4

* Samples are not drawn by the laboratory. * Results relate only to the samples tested
* This report shall not be reproduced except in full without prior permission of the laboratory

104/105/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatsapur (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/shipra.nair@biotechtestingservices.com

www.biotechtestingservices.com



BTS BIOTECH TESTING SERVICES

Test Microorganism Information:
MS2 Bacteriophage (MS2) is an RNA virus of the family Leviviridae. Escherichia coli 15507 are the hosts for bacteriophages. Due to its environmental resistance, MS2 bacteriophages are used as a surrogate virus (particularly in place of Picornaviruses such as Poliovirus and human Norovirus) in water quality and antimicrobial studies.

Virus: MS2 Bacteriophage
Permissive Host Cell: Escherichia coli ATCC 15507

Experimental Details:
Test Carrier: Test Sample (50 mm x 50 mm). Pre-sterilized by ETO gas
Control Carrier: Sample not coated and sterilized by autoclaving (50 mm x 50 mm)
LDPE cover: LDPE film pre sterilized 40 mm x 40 mm
Virus: MS2 Bacteriophage; Inoculum volume 0.4 ml
Permissive Host Cell: Escherichia coli ATCC 15507
Contact Period: 24 hours
Neutralizer: DE broth
Medium: Trypticase soya agar
Incubation for survivors: 37°C for 3 days

Validation and Records:
Neutralizer Validation and Records:

| Test Organism | Exptl Condition Control (A) (PFU/ml) | Neutralizer Toxicity Control (B) (PFU/ml) | Dilution-neutralization Control (C) (PFU/ml) |
|-------------------|--------------------------------------|---|--|
| MS2 Bacteriophage | 50 | 52 | 54 |

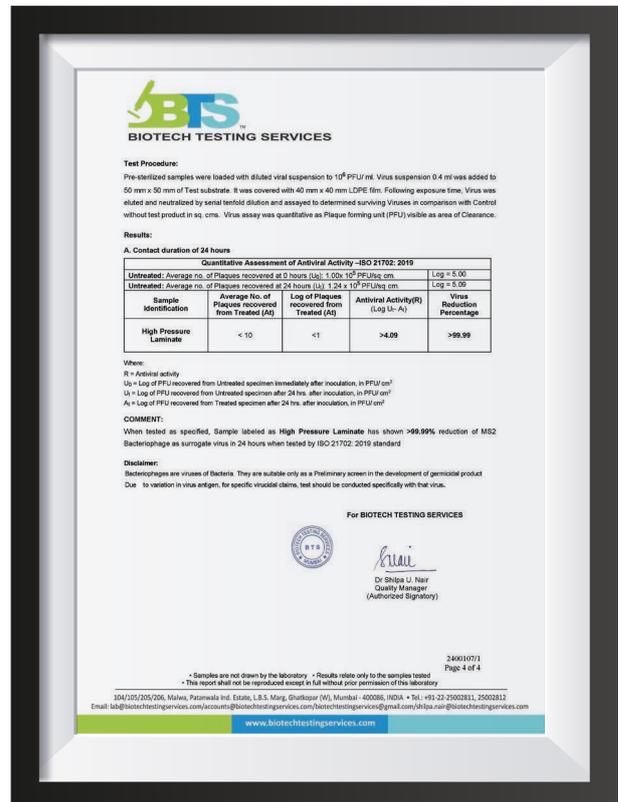
Where -
A=No. of PFU/ml of Test organism in Experimental condition validation
B=No. of PFU/ml of Test organism in Neutralizer Toxicity validation

24001071
Page 3 of 4

* Samples are not drawn by the laboratory. * Results relate only to the samples tested
* This report shall not be reproduced except in full without prior permission of the laboratory

104/105/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatsapur (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/shipra.nair@biotechtestingservices.com

www.biotechtestingservices.com



BTS BIOTECH TESTING SERVICES

Test Procedure:
Pre-sterilized samples were loaded with diluted viral suspension to 10⁶ PFU/ml. Virus suspension 0.4 ml was added to 50 mm x 50 mm of Test substrate. It was covered with 40 mm x 40 mm LDPE film. Following exposure time, Virus was eluted and neutralized by serial tenfold dilution and assayed to determine surviving Viruses in comparison with Control without test product in sq. cms. Virus assay was quantitative as Plaque forming unit (PFU) visible as area of Clearance.

Results:
A. Contact duration of 24 hours

| Quantitative Assessment of Antiviral Activity—ISO 21702: 2019 | | | | |
|--|--|---|---|----------------------------|
| Untreated: Average no. of Plaques recovered at 0 hours (U ₀) | (U ₀) = 1.00x 10 ⁶ PFU/sq. cm | Log = 5.00 | | |
| Untreated: Average no. of Plaques recovered at 24 hours (U ₂₄) | (U ₂₄) = 1.2x 10 ² PFU/sq. cm | Log = 2.08 | | |
| Sample Identification | Average No. of Plaques recovered from Treated (A) | Log of Plaques recovered from Treated (A) | Antiviral Activity(B) (Log U ₀ -A) | Virus Reduction Percentage |
| High Pressure Laminate | < 10 | < 1 | > 4.09 | > 99.99 |

Where:
R = Antiviral activity
U₀ = Log of PFU recovered from Untreated specimen immediately after inoculation, in PFU/cm²
U = Log of PFU recovered from Untreated specimen after 24 hrs. after inoculation, in PFU/cm²
A₂₄ = Log of PFU recovered from Treated specimen after 24 hrs. after inoculation, in PFU/cm²

COMMENT:
When tested as specified, Sample labeled as High Pressure Laminate has shown >99.99% reduction of MS2 Bacteriophage as surrogate virus in 24 hours when tested by ISO 21702: 2019 standard

Disclaimer:
Bacteriophages are viruses of Bacteria. They are suitable only as a Preliminary screen in the development of germicidal product
Due to variation in virus antigen, for specific visualized claims, test should be conducted specifically with that virus.

For BIOTECH TESTING SERVICES



Dr. Shipra J. Nair
Quality Manager
(Authorized Signatory)

24001071
Page 4 of 4

* Samples are not drawn by the laboratory. * Results relate only to the samples tested
* This report shall not be reproduced except in full without prior permission of the laboratory

104/105/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatsapur (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/shipra.nair@biotechtestingservices.com

www.biotechtestingservices.com

TEST REPORT ON ANTIBACTERIAL



BTS BIOTECH TESTING SERVICES

TEST REPORT

LAB NO.: 240010711 DATE: 24/01/2024

NAME OF CUSTOMER : SAMRAT PLYWOOD LIMITED
 ADDRESS : SCO 827, FIRST FLOOR, NAC MINIMARJA, CHANDIGARH, 160101.
 REFERENCE : Letter Ref: NI dated December 26, 2023
 DATE OF RECEIPT : 16/01/2024
 DATE OF INITIATION : 16/01/2024
 DATE OF COMPLETION : 24/01/2024
 SAMPLE DESCRIPTION : Laminate sample labeled as:

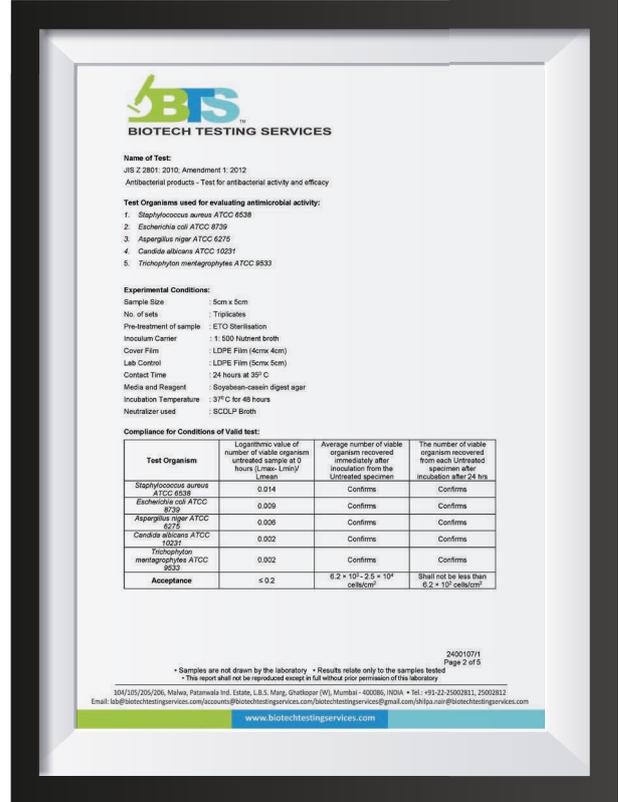
| Sr No. | Description |
|-----------------------|------------------------|
| 1. | High Pressure Laminate |
| Untreated lab control | |



• Samples are not drawn by the laboratory • Results relate only to the samples tested
 • This report shall not be reproduced except in full without prior permission of the laboratory

104/205/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatapekar (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
 Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/sh/pa.nair@biotechtestingservices.com

www.biotechtestingservices.com



BTS BIOTECH TESTING SERVICES

Name of Test: JIS Z 2801: 2010 Amendment 1: 2012
 Antibacterial products - Test for antibacterial activity and efficacy

Test Organisms used for evaluating antimicrobial activity:

- Staphylococcus aureus ATCC 6538
- Escherichia coli ATCC 8739
- Aspergillus niger ATCC 6275
- Candida albicans ATCC 10231
- Trichophyton mentagrophytes ATCC 8533

Experimental Conditions:
 Sample Size : 5cm x 5cm
 No. of sets : Triplicates
 Pre-treatment of sample : ETO Sterilisation
 Inoculum Carrier : 1:100 Nutrient broth
 Cover Film : LDPE Film (4cmx 5cm)
 Lab Control : LDPE Film (5cmx 5cm)
 Contact Time : 24 hours at 39° C
 Media and Reagent : Soyabean-casein digest agar
 Incubation Temperature : 37° C for 48 hours
 Neutralizer used : BCDLP Broth

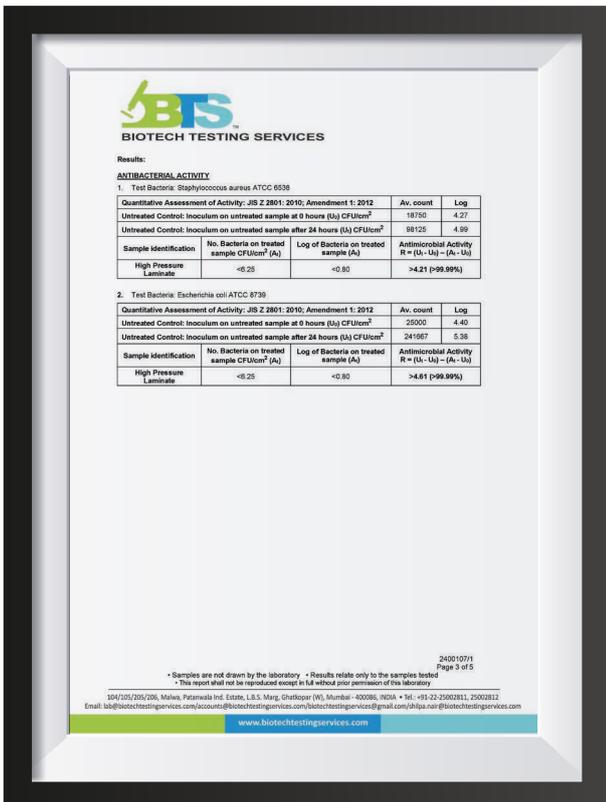
Conpliance for Conditions of Valid test:

| Test Organism | Logarithmic value of number of viable organism untreated sample at 0 hours (L _{untreat} - L _{inhibit}) / L _{untreat} | Average number of viable organism recovered from each Untreated Specimen after incubation after 24 hrs | The number of viable organism recovered from each Untreated Specimen after incubation after 24 hrs |
|---------------------------------------|--|--|--|
| Staphylococcus aureus ATCC 6538 | 0.014 | Confirms | Confirms |
| Escherichia coli ATCC 8739 | 0.009 | Confirms | Confirms |
| Aspergillus niger ATCC 6275 | 0.006 | Confirms | Confirms |
| Candida albicans ATCC 10231 | 0.002 | Confirms | Confirms |
| Trichophyton mentagrophytes ATCC 8533 | 0.002 | Confirms | Confirms |
| Acceptance | < 0.2 | 6.2 × 10 ³ - 2.5 × 10 ⁴ cells/cm ² | Shall not be less than 6.2 × 10 ³ cells/cm ² |

• Samples are not drawn by the laboratory • Results relate only to the samples tested
 • This report shall not be reproduced except in full without prior permission of the laboratory

104/205/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatapekar (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
 Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/sh/pa.nair@biotechtestingservices.com

www.biotechtestingservices.com



BTS BIOTECH TESTING SERVICES

Results:

ANTIBACTERIAL ACTIVITY

1. Test Bacteria: Staphylococcus aureus ATCC 6538

| Quantitative Assessment of Activity: JIS Z 2801: 2010; Amendment 1: 2012 | Av. count | Log |
|---|--|---|
| Untreated Control: Inoculum on untreated sample at 0 hours (U ₀) CFU/cm ² | 18750 | 4.27 |
| Untreated Control: Inoculum on untreated sample after 24 hours (U ₂₄) CFU/cm ² | 88125 | 4.99 |
| Sample Identification | No. Bacteria on treated sample CFU/cm ² (A ₁) | Log of Bacteria on treated sample (A ₁) |
| High Pressure Laminate | <0.25 | <0.80 |
| | | >4.21 (99.99%) |

2. Test Bacteria: Escherichia coli ATCC 8739

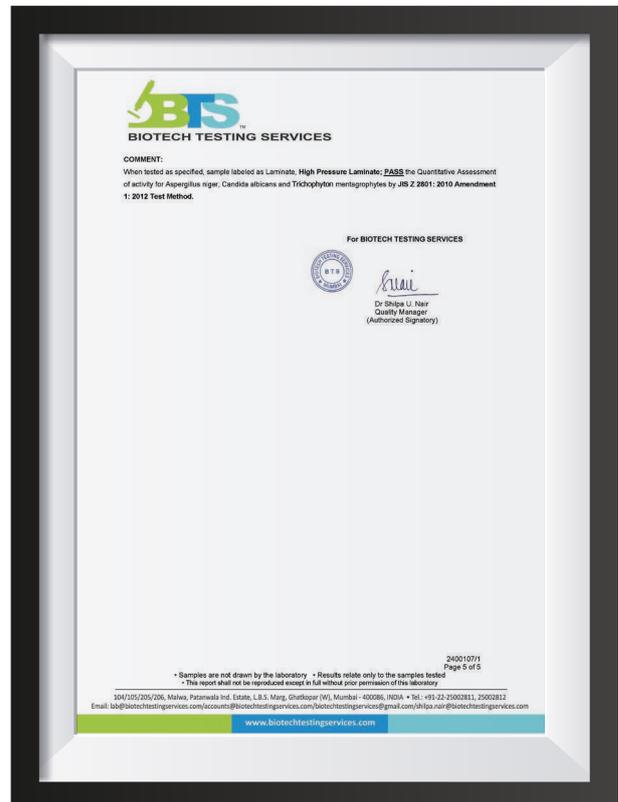
| Quantitative Assessment of Activity: JIS Z 2801: 2010; Amendment 1: 2012 | Av. count | Log |
|---|--|---|
| Untreated Control: Inoculum on untreated sample at 0 hours (U ₀) CFU/cm ² | 25000 | 4.40 |
| Untreated Control: Inoculum on untreated sample after 24 hours (U ₂₄) CFU/cm ² | 241987 | 5.38 |
| Sample Identification | No. Bacteria on treated sample CFU/cm ² (A ₁) | Log of Bacteria on treated sample (A ₁) |
| High Pressure Laminate | <0.25 | <0.80 |
| | | >4.81 (99.99%) |

Antimicrobial Activity R = (U₀ - U₂₄) - (A₁ - U₂₄)

• Samples are not drawn by the laboratory • Results relate only to the samples tested
 • This report shall not be reproduced except in full without prior permission of the laboratory

104/205/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatapekar (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
 Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/sh/pa.nair@biotechtestingservices.com

www.biotechtestingservices.com



BTS BIOTECH TESTING SERVICES

COMMENT:
 When tested as specified, sample labeled as Laminate, High Pressure Laminate; PASS the Quantitative Assessment of activity for Aspergillus niger, Candida albicans and Trichophyton mentagrophytes by JIS Z 2801: 2010 Amendment 1: 2012 Test Method.

For BIOTECH TESTING SERVICES



Dr. Shikha U. Nair
 Quality Manager
 (Authorized Signatory)

• Samples are not drawn by the laboratory • Results relate only to the samples tested
 • This report shall not be reproduced except in full without prior permission of the laboratory

104/205/205/206, Malwa, Patanwala Ind. Estate, L.B.S. Marg, Ghatapekar (W), Mumbai - 400086, INDIA • Tel: +91-22-25002811, 25002812
 Email: lab@biotechtestingservices.com/accounts@biotechtestingservices.com/biotechtestingservices@gmail.com/sh/pa.nair@biotechtestingservices.com

www.biotechtestingservices.com

TEST REPORT ON FR:BS1DO



ARIHANT ANALYTICAL LABORATORY PVT. LTD.

AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OHSAS) CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)

Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com

Website : www.aalkundli.com

(TEST CERTIFICATE)

Page 1 of 1

Issued To: M/s Samrat Plywood Ltd.,
Village Bir Plassi, Nalagarh,
Dist. Solan Pincode-174101.

Report No. AAL MIS-20220210002

Sample Description: One sample described as High Pressure Laminates,
was received.

Date of Receiving: 10/02/2022
Date of Starting: 10/02/2022
Date of Completion: 16/02/2022
Date of Reporting: 16/02/2022
Sample Quantity: 8 Pcs.
Sample Packing Condition: Loose
Sample Submitted By: Customer

TEST RESULTS

| Dimensions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| (i) Length, mm | 305.18 | 305.6 | 305.10 | 305.12 | 305.06 | 305.08 | 305.04 | 305.06 |
| (ii) Width, mm | 305.16 | 305.14 | 305.08 | 305.14 | 305.08 | 305.06 | 305.02 | 305.04 |
| (iii) Thickness, mm | 9.02 | 9.04 | 9.06 | 9.02 | 9.08 | 6.40 | 6.50 | 6.52 |
| Density, Kg/m ³ | 1481 | 1471 | 1474 | 1480 | 1469 | 1478 | 1497 | 1478 |

Tests carried out: fire test as per BS: 476, pt-7:1997

The specimens were tested with the face side exposed to the specified conditions of the fire test.

| Specimen no. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--|------|------|------|------|------|------|------|------|
| Tests | | | | | | | | |
| Spread of how as 1.5 minute interval, mm | Zero |

Classification of Surface spread of Flame

Requirements, mm

Class - 1 - 165+25

Class - 2 - 215+25

Class - 3 - 265+25

Class - 4 - Above Class 3

Test Carried out for smoke development and droplets while burning as per: EN-13501-1 for BS-1DO Protocol

| S. No. | Test Parameter | Observation | Requirement as per BS-1DO | Conformity |
|--------|-------------------|---|---|------------|
| 1. | Smoke development | Very limited smoke development of Class S1 | Very limited smoke development of Class S1 | Yes |
| 2. | Burning Droplets | No burning droplets or particle of Class d0 | No burning droplets or particle of Class d0 | Yes |

Observations: (i) From the above tabulated results it is observed and inferred that there is no spread of fire at 1.5 minute on Laminated tested specimens.

(ii) There is no smoke development and burning droplets or particles.

Remarks: (i) On the basis of tests conducted and observation made the sample falls in CLASS - 1 as per surface spread of flame.

(ii) The material is certified and approved according to BS-1, DO Protocol.

End of Report

Dr. D. R. Swarna
Gen. Manager (Q&T)
Authorised Signatory

Note: The test results relate only to the specimens received and tested in the laboratory.

Note: 1. The Result Indicated above refer to the tested sample and listed test parameters only, endorsement of products is neither inferred not implied.
2. Total liability of our laboratory is limited to the invoice amount.



COEFFICIENT OF LINEAR EXPANSION



WIMPEY LABORATORIES L.L.C.

TEST CERTIFICATE

| | | |
|--|--|--------------------------------|
| Sample : High Pressure Decorative Laminates | | Report No. : 21000432/H |
| Sample : SAMRAT HPL COMPACT LAMINATES | | |
| Party's Ref No. : Nil | | Report Issue Date : 01/03/2024 |
| Customer Name & Address: SAMRAT PLYWOOD LIMITED SCO No. 827, 1st Floor, NAC Manimajra, Chandigarh - 160101, INDIA | Job Code : STRC/21004679 | |
| | Sample Received On : 26/02/2024 | |
| | Date of Testing : 29/02/2024 To 01/03/2024 | |
| | Sample quantity : 2 pcs | |
| Sample Condition | Physical Condition OK | |
| Décor No. | 113 | |
| Finish | Suede | |
| Thickness | 6 MM | |

TEST RESULTS

| S.No. | Test Parameter | Results | Test Method |
|-------------------------|--|--------------|---------------|
| Chemical Testing | | | |
| 1 | Coefficient of Linear Expansion (Thermal), mm/mmoC | 1.6* 10 (-5) | ISO : 11359-2 |

Remarks : Temperature Rang :- 20 to 70°C.

Decision Rule : The decision rule as per SOP DR01 is applied wherever statement of conformity to a specification or standard provided in the test report.

TEL : +971 4 3273123 • FAX : +971 4 2365308 • P.O.BOX : 123279 • DUBAI • UNITED ARAB EMIRATES
E-mail : info.dxb@wimpeylab.com website : www.wimpeylab.com



THERMAL CONDUCTIVITY TEST REPORT



WIMPEY LABORATORIES L.L.C.

TEST CRETIFICATE

(This cretificate is not valid without a hologram)

Sample : High Pressure Decorative Compact Panel
(Sample ID : CLADS9506-SUEDE)

Ref. No. : Nil
Issued To : SAMRAT PLYWOOD LIMITED
SCO No. 827, 1st Floor, NAC Manimajra,
Chandigarh - 160101, INDIA

Report No. : 1010814
Report Date : 04/11/2024
Job Code STRC/BM/1010814
Sample Received On : 01/11/2024
Sample Quantity : 3pcs

| S. No. | Test | Result |
|--------|--|--------|
| 1. | Thermal Conductivity, W/m. ² K EN 12664-2001 | 0.24 |
| 2. | Thickness, mm By micrometer | 5.897 |

Signed for and on behalf of Wimpey Laboratories L.L.C.

S. Sarathy Kumar
Head of Department



Test results relate only to the samples tested.
This report shall not be reproduced or used in any form without the written approval of the laboratory.
End of text.

TEL : +971 4 3273123 • FAX : +971 4 2365308 • P.O.BOX : 123279 • DUBAI • UNITED ARAB EMIRATES
E-mail : info.dxb@wimpeylab.com website : www.wimpeylab.com



ACID RAIN RESISTANCE OF CLADS

| | | |
|---|---------------------------|-------------------|
|  | SAMRAT HPL COMPACT | Revision : 00 |
| | TEST REPORT | Date : 11.03.2024 |

Resistance of Samrat Hpl to airborne chemical stresses

Air and rain contain natural and manmade chemicals, such as :

- Carbon dioxide CO₂
- Sulphur Oxides SO_x
- Nitrous gases NO_x
- Hydrogen chloride HCl

Samrat Hpl offer protection against weather and are largely resistant to acid rain containing one or more of the above chemicals.

| | |
|---------------------------|---|
| Test Description : | To study effect on Décor Surface of Samrat Hpl Compact Compact Laminate-Clads upon immersion in 10% HCl for 24 hours. |
|---------------------------|---|

| S. No. | Details of sampling and test | Particulars |
|--------|-------------------------------|--|
| 1. | Sample Size/ Nos. per variant | 100mm X 100 mm/ Four each |
| 2. | Thickness of samples | 6.0mm |
| 3. | Decor description /Finis | Vermilion Red (9275) Suede Finish Arch Wood (9108) Suede Finish |
| 4. | Manufacture Standard | EN 438-Part 6 2016, Grade EDF |
| 5. | Test Start Date | 08.03.2024, 11.30 AM |
| 6. | Test Completion Date | 11.03.2024, 11.30 AM |
| 7. | Sampling Method | Random From Production |
| 8. | Conditioning | None |
| 9. | Laboratory Environment | Temperature:25° ±2°C Relative Humidity, RH 50± 5% |
| 10. | Discipline | Chemical Testing |

Samples' surface appearance before and after the test:

| Sample before immersion | Sample after immersion | Remark |
|---|---|--|
|  |  | No Change in surface appearance of the décor |
|  |  | No Change in surface appearance of the décor |



ACID RAIN RESISTANCE OF CLADS

| | | |
|---|---------------------------|-------------------|
|  | SAMRAT HPL COMPACT | Revision : 00 |
| | TEST REPORT | Date : 11.03.2024 |

Test Results:

| SL. No | Particulars of test | Test condition | Test Method | Observation | | |
|--------|---|---|---|----------------|--|---|
| | | | | Time | #9275 Suede | #9108 Suede |
| 01 | Resistance to immersion in 10% HCl solution | Observe the sample specimen for appearance for a total test Duration of 24 hours -on 8 hourly basis | In house. Each sample is immersed 50mm into the test solution | After 8 hours | No visible changes in appearance and tested surface area is indistinguishable from the adjacent unexposed portion. | No visible changes in appearance and tested surface area is indistinguishable from the adjacent unexposed portion |
| | | | | After 16 hours | No visible changes in appearance and tested surface area is indistinguishable from the adjacent unexposed portion. | No visible changes in appearance and tested surface area is indistinguishable from the adjacent unexposed portion |
| | | | | After 24 hours | No visible changes in appearance and tested surface area is indistinguishable from the adjacent unexposed portion. | No visible changes in appearance and tested surface area is indistinguishable from the adjacent unexposed portion |

Conclusion : It is Demonstrated that in a 24-hour test with 10% Hydrochloric Acid there is no visible changes in the surface appearance of the panel.

Tested by : **Sukesh Jangir**
Checked by : **Ankish Kumar**

Validated & Approved by : **GSRA Sharma**

CERTIFICATIONS

- ISI CERTIFICATE

- ISO 45001 CERTIFICATE

- ISO 14001 CERTIFICATE

- ISO 9001 CERTIFICATE

- FSC CERTIFICATE

- CE CERTIFICATE

- GRIHA CERTIFICATE

- IGBC CERTIFICATE

- GREEN PRO CERTIFICATE





भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Address: Plot No 4-A, Madhya Marg,
Sector 27-B
Chandigarh-160019
Phones : 0172-2650290
Fax: 0172-2659065
E-Mail: mdchl1@bis.gov.in
web : http://www.bis.org.in

Haryana Branch Office

Our Ref :HRBO/CM/L 9100205606

Dated: 08-10-2024

Subject: Grant of BIS Certification Marks Licence No 9100205606 as per IS 303:1989.

M/s Samrat Plywood Ltd

E-36, Industrial Estate, HP Petrol Pump, Industrial Estate,
Yamunanagar,
Haryana-135001

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Product:-Plywood for General Purposes -

Grade/Class/Type/Variety

i) Grade BWR/ MR, Type- AA/AB/BB, upto and including 17 ply, Length upto and including 2440mm, Width upto and including 1220mm, Thickness upto and including 25mm.

As per IS 303:1989.

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2. The number assigned to this licence is CM/L- 9100205606 which has been made operative from 2024-09-15 and is valid upto 2025-09-14. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS(Conformity assessment) Regulation 2018 is payable by you with effect from 2024-09-15 for the period of validity of the licence in advance.

3. Minimum marking fee stipulated in Annexure -I of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable i.e Rs. 67000/- by you regardless of the whether you actually mark your product or not with the Standard Mark. **Our Receipt No. AA91PC2024000943** dated 2024-08-16 for the licence fee and the minimum marking fee Rs. 67000/- for the first operative period is already issued separately.

4. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher shall be payable by you at the time of renewal.

5. With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.

6. The Scheme of Testing and Inspection as specified by BIS will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

7. We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product. Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

8. On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

9. This licence is granted for your factory situated at **E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamunanagar, Haryana-135001**. Privileges under the licence shall not be exercised by any other firm company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by us in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

10. It may be noted that this licence is granted subject to the condition that if samples drawn on (24.08.2024) by BIS during the verification visit before grant of licence, fail to conform to the requirements of relevant Indian Standard (in any requirement), the licence shall be put under Stop Marking, and in case fresh sample after corrective action is not offered within one month or fresh sample fails to conform to the requirement of relevant Indian Standard, in any requirement, the licence shall be processed for cancellation.

11. The licence has been granted to you on the explicit condition that you shall mark the entire production under the scope of licence with BIS Standard Mark and maintain conformity to the relevant Indian Standards. Accordingly, you shall cover the entire production under scope of licence with BIS Standard Mark and maintain conformity of the product to the relevant Indian Standards.

12. You should display it prominently at your premises the BIS product certification licence held by you.

13. You should mention the BIS product certification licence held by you in your commercial advertisement.

Thanking You,



(Ramesh K.)
Director & Head HRBO

Encl: As above

अनुसूची

Schedule

(अनुज्ञप्ति सं सीएम एल- 9100205606)

(Licence No.CM/L- 9100205606)

नाम: मैसर्स सम्राट प्लाईवुड लिमिटेड

Name: M/s. Samrat Plywood Ltd

कारखाने का पता: ई-36, इंडस्ट्रियल एस्टेट, एचपी पेट्रोल पंप, इंडस्ट्रियल एस्टेट, यमुनानगर, हरियाणा-135001

Factory address: E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamunanagar, Haryana-135001

विधिमान्यता : पंद्रह सितंबर दो हजार चौबीस से चौदह सितंबर दो हजार पच्चीस तक।।

Validity: From Fifteenth September Two Thousand Twenty Four to Fourteenth September Two Thousand Twenty Five.

| मानक चिह्न Standard Mark | भारतीय मानक Indian Standard(s) | अनुज्ञप्ति का विषय क्षेत्र Scope of Licence | मुहरांकन शुल्क Marking Fee |
|--|---|--|---|
| (1) | (2) | (3) | (4) |
| <p>IS 303</p>  <p>CM/L-9100205606</p> | <p>भा. मा. 303:1989</p> <p>IS 303:1989</p> <p>सामान्य प्रयोजन के लिए प्लाईवुड</p> <p>Plywood for General Purposes</p> | <p>i) ग्रेड बीडब्ल्यूआर/एमआर, टाइप- एए/एबी/बीबी, 17 प्लाई तक और शामिल, लंबाई 2440 मिमी तक और शामिल, चौड़ाई 1220 मिमी तक और मोटाई, 25 मिमी तक और मोटाई।</p> <p>i) Grade BWR/ MR, Type- AA/AB/BB, upto and including 17 ply, Length upto and including 2440mm, Width upto and including 1220mm, Thickness upto and including 25mm.</p> | <p>एक वर्ष की प्रचालन अवधि के दौरान न्यूनतम मुहरांकन शुल्क रु. 67000/- के साथ सभी इकाइयों के लिए रु. 0.15 प्रति इकाई</p> <p>इकाई = 1 वर्ग मीटर</p> <p>एक प्रचालन वर्ष के लिए न्यूनतम चिहनांकन शुल्क अग्रिम में देय होगी जो अगले नवीकरण में अग्रणीत होगी।</p> <p>Rs. 0.15 per unit for all the units with a minimum marking fee of Rs. 67000/- during an operative period of one year.</p> <p>Unit = 1 sq.m</p> <p>Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s)</p> |

आज वर्ष 2024 के अक्टूबर माह की 08 तारीख को हस्ताक्षरित, मुहरबंद किया गया.

Signed, Sealed and Dated this 08 day of October month of Year 2024.

भारतीय मानक ब्यूरो के लिए
For Bureau of Indian Standards



निदेशक एवं प्रमुख (एच आर बी ओ)
Director & Head (HRBO)



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Address: Plot No 4-A, Madhya Marg,
Sector 27-B
Chandigarh-160019
Phones : 0172-2650290
Fax: 0172-2659065
E-Mail: mdch1@bis.gov.in
web : http://www.bis.org.in

Haryana Branch Office

Our Ref :HRBO/CM/L 9100205404

Dated: 08-10-2024

Subject: Grant of BIS Certification Marks Licence No 9100205404 as per IS 710:2010.

M/s Samrat Plywood Ltd
E-36, Industrial Estate, Hp Petrol Pump, Industrial Estate,
Yamunanagar,
Haryana-135001

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Product:-Marine Plywood -Specification

Grade/Class/Type/Variety

i) Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25mm.

As per IS 710:2010.

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2.The number assigned to this licence is CM/L- 9100205404 which has been made operative from 2024-09-15 and is valid upto 2025-09-14. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS(Conformity assessment) Regulation 2018 is payable by you with effect from 2024-09-15 for the period of validity of the licence in advance.

3. Minimum marking fee stipulated in Annexure -I of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable i.e Rs. 84000/- by you regardless of the whether you actually mark your product or not with the Standard Mark. **Our Receipt No. AA91PC2024000945** dated 2024-08-16 for the licence fee and the minimum marking fee Rs. 84000/- for the first operative period is already issued separately.

4. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher shall be payable by you at the time of renewal.

5.With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.

6.The Scheme of Testing and Inspection as specified by BIS will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and

designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

7. We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product. Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

8. On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

9. This licence is granted for your factory situated at **E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamuna Nagar, Haryana-135001**. Privileges under the licence shall not be exercised by any other firm company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by us in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

10. It may be noted that this licence is granted subject to the condition that if samples drawn on (05.09.2024) by BIS during the verification visit before grant of licence, fail to conform to the requirements of relevant Indian Standard (in any requirement), the licence shall be put under Stop Marking, and in case fresh sample after corrective action is not offered within one month or fresh sample fails to conform to the requirement of relevant Indian Standard, in any requirement, the licence shall be processed for cancellation.

11. The licence has been granted to you on the explicit condition that you shall mark the entire production under the scope of licence with BIS Standard Mark and maintain conformity to the relevant Indian Standards. Accordingly, you shall cover the entire production under scope of licence with BIS Standard Mark and maintain conformity of the product to the relevant Indian Standards.

12. You should display it prominently at your premises the BIS product certification licence held by you.

13. You should mention the BIS product certification licence held by you in your commercial advertisement.

Thanking You,



(Ramesh K.)
Director & Head HRBO

Encl: As above

अनुसूची

Schedule

(अनुज्ञप्ति सं सीएम एल- 9100205404)

(Licence No.CM/L- 9100205404)

नाम: मैसर्स सम्राट प्लाईवुड लिमिटेड

Name: M/s. Samrat Plywood Ltd

कारखाने का पता: ई-36, इंडस्ट्रियल एस्टेट, एचपी पेट्रोल पंप, इंडस्ट्रियल एस्टेट, यमुनानगर, हरियाणा-135001

Factory address: E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamunanagar, Haryana-135001

विधिमान्यता : पंद्रह सितंबर दो हजार चौबीस से चौदह सितंबर दो हजार पच्चीस तक।।

Validity: From Fifteenth September Two Thousand Twenty Four to Fourteenth September Two Thousand Twenty Five

| मानक चिह्न Standard Mark | भारतीय मानक Indian Standard(s) | अनुज्ञप्ति का विषय क्षेत्र Scope of Licence | मुहरांकन शुल्क Marking Fee |
|--|--|--|--|
| (1) | (2) | (3) | (4) |
| <p>IS 710</p>  <p>CM/L-9100205404</p> | <p>भा. मा. 710:2010</p> <p>IS 710:2010</p> <p>मेरीन प्लाईवुड-विशिष्टि</p> <p>Marine Plywood- Specification</p> | <p>i) लंबाई 2440 मिमी तक, चौड़ाई 1220 मिमी तक और मोटाई 25 मिमी तक।</p> <p>i) Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25mm.</p> | <p>एक वर्ष की प्रचालन अवधि के दौरान न्यूनतम मुहरांकन शुल्क रु. 84000/- के साथ सभी इकाइयों के लिए रु. 0.18 प्रति इकाई</p> <p>इकाई = 1 वर्ग मीटर</p> <p>एक प्रचालन वर्ष के लिए न्यूनतम चिहनांकन शुल्क अग्रिम में देय होगी जो अगले नवीकरण में अग्रनीत होगी I</p> <p>Rs. 0.18 per unit for all the units with a minimum marking fee of Rs. 84000/- during an operative period of one year.</p> <p>Unit = 1 sq.m</p> <p>Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s)</p> |

आज वर्ष 2024 के

अक्टूबर

माह की

08

तारीख को हस्ताक्षरित, मुहरबंद किया गया.

Signed, Sealed and Dated this

08

day of

October

month of Year 2024.

भारतीय मानक ब्यूरो के लिए

For Bureau of Indian Standards



निदेशक & प्रमुख (एच आर बी ओ)

Director & Head (HRBO)



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Address: Plot No 4-A, Madhya Marg,
Sector 27-B
Chandigarh-160019
Phones : 0172-2650290
Fax: 0172-2659065
E-Mail: mdchl@bis.gov.in
web : http://www.bis.org.in

Haryana Branch Office

Our Ref :HRBO/CM/L 9100205303

Dated: 08-10-2024

Subject: Grant of BIS Certification Marks Licence No 9100205303 as per IS 5509:2021.

M/s Samrat Plywood Ltd
E-36, Industrial Estate, HP Petrol Pump, Industrial Estate,
Yamunanagar,
Haryana-135001

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Product:-Fire Retardant Plywood - Specification (Third Revision)

Grade/Class/Type/Variety

i) Type of fire retardant: Type 1 , Preservative Treatment: Treatment of plywood by pressure impregnation after manufacture, Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25mm

As per IS 5509:2021

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2. The number assigned to this licence is CM/L- 9100205303 which has been made operative from 2024-09-15 and is valid upto 2025-09-14. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS (Conformity assessment) Regulation 2018 is payable by you with effect from 2024-09-15 for the period of validity of the licence in advance.

3. Minimum marking fee stipulated in Annexure -I of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable i.e Rs. 70000/- by you regardless of the whether you actually mark your product or not with the Standard Mark. **Our Receipt No. AA91PC2024000946** dated 2024-08-16 for the licence fee and the minimum marking fee Rs. 70000/- for the first operative period is already issued separately.

4. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher shall be payable by you at the time of renewal.

5. With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.

6. The Scheme of Testing and Inspection as specified by BIS will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a

person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

7. We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product. Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

8. On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

9. This licence is granted for your factory situated at **E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamuna Nagar, Haryana-135001**. Privileges under the licence shall not be exercised by any other firm company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by us in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

10. It may be noted that this licence is granted subject to the condition that if samples drawn on (06.09.2024) by BIS during the verification visit before grant of licence, fail to conform to the requirements of relevant Indian Standard (in any requirement), the licence shall be put under Stop Marking, and in case fresh sample after corrective action is not offered within one month or fresh sample fails to conform to the requirement of relevant Indian Standard, in any requirement, the licence shall be processed for cancellation.

11. The licence has been granted to you on the explicit condition that you shall mark the entire production under the scope of licence with BIS Standard Mark and maintain conformity to the relevant Indian Standards. Accordingly, you shall cover the entire production under scope of licence with BIS Standard Mark and maintain conformity of the product to the relevant Indian Standards.

12. You should display it prominently at your premises the BIS product certification licence held by you.

13. You should mention the BIS product certification licence held by you in your commercial advertisement.

Thanking You,



(Ramesh K.)
Director & Head HRBO

Encl: As above

अनुसूची

Schedule

(अनुज्ञप्ति सं सीएम एल- 9100205303)

(Licence No.CM/L- 9100205303)

नाम: मैसर्स सम्राट प्लाईवुड लिमिटेड

Name: M/s. Samrat Plywood Ltd

कारखाने का पता: ई-36, इंडस्ट्रियल एस्टेट, एचपी पेट्रोल पंप, इंडस्ट्रियल एस्टेट, यमुनानगर, हरियाणा-135001

Factory address: E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamunanagar, Haryana-135001

विधिमान्यता : पंद्रह सितंबर दो हजार चौबीस से चौदह सितंबर दो हजार पच्चीस तक।।

Validity: From Fifteenth September Two Thousand Twenty Four to Fourteenth September Two Thousand Twenty Five

| मानक चिह्न Standard Mark | भारतीय मानक Indian Standard(s) | अनुज्ञप्ति का विषय क्षेत्र Scope of Licence | मुहरांकन शुल्क Marking Fee |
|---|---|---|---|
| (1) | (2) | (3) | (4) |
| IS 5509:2021  CM/L-9100205303 | भा. मा. 5509:2021 IS 5509:2021 अग्निरोधी प्लाईवुड - विशिष्ट (तीसरा संशोधन) Fire Retardant Plywood - Specification (Third Revision) | i) अग्निरोधी का प्रकार: टाइप 1, परिरक्षक उपचार: निर्माण के बाद दबाव संसेचन द्वारा प्लाईवुड का उपचार, लंबाई 2440 मिमी तक और शामिल, चौड़ाई 1220 मिमी तक और मोटाई 25 मिमी तक और शामिल । i) Type of fire retardant: Type 1 , Preservative Treatment: Treatment of plywood by pressure impregnation after manufacture, Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25mm | एक वर्ष की प्रचालन अवधि के दौरान न्यूनतम मुहरांकन शुल्क रु. 70000/- के साथ सभी इकाइयों के लिए रु. 0.7 प्रति इकाई इकाई = 1 वर्ग मीटर एक प्रचालन वर्ष के लिए न्यूनतम चिहनांकन शुल्क अग्रिम में देय होगी जो अगले नवीकरण में अग्रणीत होगी I Rs. 0.7 per unit for all the units with a minimum marking fee of Rs. 70000/- during an operative period of one year. Unit = 1 sq.m Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s) |

आज वर्ष 2024 के

अक्टूबर

माह की

08

तारीख को हस्ताक्षरित, मुहरबंद किया गया.

Signed, Sealed and Dated this

08

day of

October

month of Year 2024.

भारतीय मानक ब्यूरो के लिए

For Bureau of Indian Standards



निदेशक & प्रमुख (एच आर बी ओ)

Director & Head (HRBO)



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Address: Plot No 4-A, Madhya Marg,
Sector 27-B
Chandigarh-160019
Phones : 0172-2650290
Fax: 0172-2659065
E-Mail: mdch1@bis.gov.in
web : http://www.bis.org.in

Haryana Branch Office

Our Ref :HRBO/CM/L 9100205505

Dated: 08-10-2024

Subject: Grant of BIS Certification Marks Licence No 9100205505 as per IS 1659:2004.

M/s Samrat Plywood Ltd
E-36, Industrial Estate, HP Petrol Pump, Industrial Estate,
Yamunanagar,
Haryana-135001

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Product:-Block Boards -Specification

Grade/Class/Type/Variety

- | |
|--|
| i) MR Grade, Commercial type, Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25 mm. |
| ii) BWP Grade, Commercial type, Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25 mm. |

As per IS 1659:2004.

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2. The number assigned to this licence is CM/L- 9100205505 which has been made operative from 2024-09-15 and is valid upto 2025-09-14. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS(Conformity assessment) Regulation 2018 is payable by you with effect from 2024-09-15 for the period of validity of the licence in advance.

3. Minimum marking fee stipulated in Annexure -I of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable i.e Rs. 73000/- by you regardless of the whether you actually mark your product or not with the Standard Mark. **Our Receipt No. AA91PC2024000944** dated 2024-08-16 for the licence fee and the minimum marking fee Rs. 73000/- for the first operative period is already issued separately.

4. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher shall be payable by you at the time of renewal.

5. With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.

6. The Scheme of Testing and Inspection as specified by BIS will have to be implemented by your

organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

7. We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product. Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

8. On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

9. This licence is granted for your factory situated at **E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamuna Nagar, Haryana-135001**. Privileges under the licence shall not be exercised by any other firm company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by us in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

10. It may be noted that this licence is granted subject to the condition that if samples drawn on (06.09.2024) by BIS during the verification visit before grant of licence, fail to conform to the requirements of relevant Indian Standard (in any requirement), the licence shall be put under Stop Marking, and in case fresh sample after corrective action is not offered within one month or fresh sample fails to conform to the requirement of relevant Indian Standard, in any requirement, the licence shall be processed for cancellation.

11. The licence has been granted to you on the explicit condition that you shall mark the entire production under the scope of licence with BIS Standard Mark and maintain conformity to the relevant Indian Standards. Accordingly, you shall cover the entire production under scope of licence with BIS Standard Mark and maintain conformity of the product to the relevant Indian Standards.

12. You should display it prominently at your premises the BIS product certification licence held by you.

13. You should mention the BIS product certification licence held by you in your commercial advertisement.

Thanking You,



(Ramesh K.)
Director & Head HRBO

Encl: As above

अनुसूची

Schedule

(अनुज्ञप्ति सं सीएम एल- 9100205505)

(Licence No.CM/L- 9100205505)

नाम: मैसर्स सम्राट प्लाईवुड लिमिटेड

Name: M/s. Samrat Plywood Ltd

कारखाने का पता: ई-36, इंडस्ट्रियल एस्टेट, एचपी पेट्रोल पंप, इंडस्ट्रियल एस्टेट, यमुनानगर, हरियाणा-135001

Factory address: E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamunanagar, Haryana-135001

विधिमान्यता : पंद्रह सितंबर दो हजार चौबीस से चौदह सितंबर दो हजार पच्चीस तक।।

Validity: From Fifteenth September Two Thousand Twenty Four to Fourteenth September Two Thousand Twenty Five

| मानक चिह्न Standard Mark | भारतीय मानक Indian Standard(s) | अनुज्ञप्ति का विषय क्षेत्र Scope of Licence | मुहरांकन शुल्क Marking Fee |
|---|--|--|---|
| (1) | (2) | (3) | (4) |
| IS 1659:2004  CM/L-9100205505 | भा. मा. 1659:2004 IS 1659:2004 ब्लॉक बोर्ड्स-विशिष्ट Block Boards- Specification | i) एमआर ग्रेड, वाणिज्यिक प्रकार, लंबाई 2440 मिमी तक, चौड़ाई 1220 मिमी तक और मोटाई 25 मिमी तक। ii) बीडब्ल्यूपी ग्रेड, वाणिज्यिक प्रकार, लंबाई 2440 मिमी तक, चौड़ाई 1220 मिमी तक और मोटाई 25 मिमी तक। i) MR Grade, Commercial type, Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25 mm. ii) BWP Grade, Commercial type, Length up to and including 2440 mm, Width up to and including 1220 mm and Thickness up to and including 25 mm. | एक वर्ष की प्रचालन अवधि के दौरान न्यूनतम मुहरांकन शुल्क रु. 73000/- के साथ सभी इकाइयों के लिए रु. 0.36 प्रति इकाई इकाई = 1 वर्ग मीटर एक प्रचालन वर्ष के लिए न्यूनतम चिहनांकन शुल्क अग्रिम में देय होगी जो अगले नवीकरण में अग्रणीत होगी I Rs. 0.36 per unit for all the units with a minimum marking fee of Rs. 73000/- during an operative period of one year. Unit = 1 sq.m Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s) |

आज वर्ष 2024 के

अक्टूबर

माह की

08

तारीख को हस्ताक्षरित, मुहरबंद किया गया.

Signed, Sealed and Dated this

08

day of

October

month of Year 2024.

भारतीय मानक ब्यूरो के लिए

For Bureau of Indian Standards



निदेशक & प्रमुख (एच आर बी ओ)

Director & Head (HRBO)



भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

Address: Plot No 4-A, Madhya Marg,
Sector 27-B
Chandigarh-160019
Phones : 0172-2650290
Fax: 0172-2659065
E-Mail: mdch1@bis.gov.in
web : http://www.bis.org.in

Haryana Branch Office

Our Ref :HRBO/CM/L 9100205299

Dated: 08-10-2024

Subject: Grant of BIS Certification Marks Licence No 9100205299 as per IS 2202 : PART 1:2023.

M/s Samrat Plywood Ltd
E-36, Industrial Estate, HP Petrol Pump, Industrial Estate,
Yamunanagar
Haryana-135001

Dear Madams(s)/Sir,

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the followings:

Product:-Wooden Flush Door Shutters (solid Core Type): Part 1 Plywood Face Panels

| Grade/Class/Type/Variety |
|---|
| i) Grade BWP, Type- BN, Modular size with designation of door 9 DS 20/ 9 DS 21 and thickness 30 mm |
| ii) Grade BWP, Type- BN, Modular size with designation of door 10 DS 20/ 10 DS 21 and thickness 35 mm |
| iii) Grade BWP, Type- BN, Modular size with designation of door 8 DS 20/ 8 DS 21 and thickness 25 mm and 30mm |

As per IS 2202 : PART 1:2023.

1. The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.

2. The number assigned to this licence is CM/L- 9100205299 which has been made operative from 2024-09-15 and is valid upto 2025-09-14. The licence number should invariably be referred to in your future correspondence.

According to sub-regulation (1) &(3) of Paragraph 5 of scheme I of Schedule II under Bureau of Indian Standards (Conformity of Assessment) Regulation, 2018, the annual licence fee of Rs. 1000.00 and the marking fee for use of standard mark as per Annexure-I of Scheme I of BIS (Conformity assessment) Regulation 2018 is payable by you with effect from 2024-09-15 for the period of validity of the licence in advance.

3. Minimum marking fee stipulated in Annexure -I of scheme I of BIS (Conformity Assessment) Regulation 2018 is payable i.e Rs.88000/- by you regardless of the whether you actually mark your product or not with the Standard Mark. **Our Receipt No. AA91PC2024000947** dated 2024-08-16 for the licence fee and the minimum marking fee Rs. 88000/- for the first operative period is already issued separately.

4. This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher shall be payable by you at the time of renewal.

5. With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.

6.The Scheme of Testing and Inspection as specified by BIS will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.

7.We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.

8.On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literatures etc. will be destroyed/obliterated.

9.This licence is granted for your factory situated at **E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamuna Nagar,Haryana-135001**. Privileges under the licence shall not be exercised by any other firm company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by us in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

10. It may be noted that this licence is granted subject to the condition that if samples drawn on (06.09.2024) by BIS during the verification visit before grant of licence, fail to confirm to the requirements of relevant Indian Standard (in any requirement), the licence shall be put under Stop Marking, and in case fresh sample after corrective action is not offered within one month or fresh sample fails to conform to the requirement of relevant Indian Standard, in any requirement, the licence shall be processed for cancellation.

11. The licence has been granted to you on the explicit condition that you shall mark the entire production under the scope of licence with BIS Standard Mark and maintain conformity to the relevant Indian Standards. Accordingly, you shall cover the entire production under scope of licence with BIS Standard Mark and maintain conformity of the product to the relevant Indian Standards.

12. You should display it prominently at your premises the BIS product certification licence held by you.

13. You should mention the BIS product certification licence held by you in your commercial advertisement.

Thanking You,



(Ramesh K.)
Director & Head HRBO

Encl: As above

अनुसूची

Schedule

(अनुज्ञप्ति सं सीएम एल- 9100205299)

(Licence No.CM/L- 9100205299)

नाम: मैसर्स सम्राट प्लाईवुड लिमिटेड

Name: M/s. Samrat Plywood Ltd

कारखाने का पता: ई-36, इंडस्ट्रियल एस्टेट, एचपी पेट्रोल पंप, इंडस्ट्रियल एस्टेट, यमुनानगर, हरियाणा-135001

Factory address: E-36, Industrial Estate, HP Petrol Pump, Industrial Estate, Yamunanagar, Haryana-135001

विधिमान्यता : पंद्रह सितंबर दो हजार चौबीस से चौदह सितंबर दो हजार पच्चीस तक।

Validity: From Fifteenth September Two Thousand Twenty Four to Fourteenth September Two Thousand Twenty Five

| मानक चिह्न Standard Mark | भारतीय मानक Indian Standard(s) | अनुज्ञप्ति का विषय क्षेत्र Scope of Licence | मुहरांकन शुल्क Marking Fee |
|---|--|--|---|
| (1) | (2) | (3) | (4) |
| IS 2202 Part 1  CM/L-9100205299 | भा. मा. 2202: भाग 1 : 2023 IS 2202 : Part 1 : 2023 लकड़ी के सपाट दरवाजे के शटर ठोस कोर प्रकार : भाग 1 प्लाईवुड सतहयुक्त पैनेल्स Wooden Flush Door Shutters solid Core Type: Part 1 Plywood Face Panels | i) ग्रेड बीडब्ल्यूपी, टाइप- बीएन, दरवाजे के पदनाम 9 डीएस 20/9 डीएस 21 और मोटाई 30 मिमी के साथ मॉड्यूलर आकार ii) ग्रेड बीडब्ल्यूपी, टाइप- बीएन, दरवाजे के पदनाम 10 डीएस 20/10 डीएस 21 और मोटाई 35 मिमी के साथ मॉड्यूलर आकार iii) ग्रेड बीडब्ल्यूपी, टाइप- बीएन, दरवाजा 8 डीएस 20/8 डीएस 21 के पदनाम और मोटाई 25 मिमी और 30 मिमी के साथ मॉड्यूलर आकार। i) Grade BWP, Type- BN, Modular size with designation of door 9 DS 20/ 9 DS 21 and thickness 30 mm ii) Grade BWP, Type- BN, Modular size with designation of door 10 DS 20/ 10 DS 21 and thickness 35 mm iii) Grade BWP, Type- BN, Modular size with designation of door 8 DS 20/ 8 DS 21 and thickness 25 mm and 30mm | एक वर्ष की प्रचालन अवधि के दौरान न्यूनतम मुहरांकन शुल्क रु. 88000/- के साथ सभी इकाइयों के लिए रु. 0.90 प्रति इकाई इकाई = 1 वर्ग मीटर एक प्रचालन वर्ष के लिए न्यूनतम चिहनांकन शुल्क अग्रिम में देय होगी जो अगले नवीकरण में अग्रनीत होगी। Rs. 0.90 per unit for all the units with a minimum marking fee of Rs. 88000/- during an operative period of one year. Unit = 1 Sq.Miter Minimum marking fee for one operative year payable in advance which will be carried over to next renewal(s) |

आज वर्ष 2024 के अक्टूबर माह की 08 तारीख को हस्ताक्षरित, मुहरबंद किया गया.

Signed, Sealed and Dated this 08 day of October month of Year 2024.

भारतीय मानक ब्यूरो के लिए
For Bureau of Indian Standards



निदेशक & प्रमुख (एच आर बी ओ)
Director & Head (HRBO)



ISO 45001 CERTIFICATE

Certificate No. : 090201AQ03SB



CERTIFICATE



This Certificate certifies that the Management System of

SAMRAT PLYWOOD LIMITED

Address :

VILLAGE HAIBATPUR ROAD, DERABASSI DISTT. SAS NAGAR (PUNJAB) INDIA.
VILLAGE BIRPLASSI, NALAGARH DISTT. SOLAN (H.P.) INDIA

has been audited by CAPL and found to be in conformance
with the requirements of the standard

ISO 45001:2018

(Occupational Health & Safety Management System)

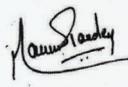
This certificate is valid for the following scope

**MANUFACTURING, MARKETING, SUPPLY & EXPORT OF PLYWOOD PANELS, FLUSH
DOOR SHUTTERS, DECORATIVE LAMINATES & EXTERIOR CLADDING**

Initial Registration Date : 17/12/2021
Certificate Valid Until : 16/12/2024
Next audit due on : 16/12/2022

First Surveillance due on : 16/12/2022
Second Surveillance due on : 16/12/2023

(Continuation of this certificate is subject to maintenance of surveillance audits.)

Director



Criterion Assessment Private Limited (CAPL)

C-37/6, Paper Mill Colony, Nishatganj, Lucknow - 226006, Uttar Pradesh, India

This Certificate is intellectual Property of CAPL and can be maintained through surveillance and renewal audits. The accredited part of the above scope is monitored as per EGAC rules & regulations and unaccredited scope is maintained as per CAPL Management System Regulations.

The certificate can be verified on our official website www.caplcerts.in



ISO 14001 CERTIFICATE



GLOBAL STANDARDS
Your Certification Registrar

CERTIFICATE

This Certificate certifies that the Management System of
SAMRAT PLYWOOD LIMITED
ADDRESS:-
VILLAGE HAIBATPUR ROAD, DERABASSI DISTT. SAS NAGAR (PUNJAB)
INDIA. VILLAGE BIRPLASSI, NALAGARH DISTT. SOLAN (H.P.) INDIA
has been audited by Global Standards and found to be in conformance with the requirements of the standard
ISO 14001:2015
(Environment Management System)
This certificate is valid for the following scope
**MANUFACTURING, MARKETING, SUPPLY & EXPORT
OF PLYWOOD PANELS, FLUSH DOOR SHUTTERS,
DECORATIVE LAMINATES & EXTERIOR CLADDING**

Certificate No. : 090501AL02SA

| | | |
|---|---|--------------------------------------|
| Certificate since : 12/01/2024 | Certificate issue : 12/01/2024 | Next audit due : 11/01/2025 |
| 1 st Surveillance due : 11/01/2025 | 2 nd Surveillance due : 11/01/2026 | Certificate Valid Until : 11/01/2027 |

This Certificate is intellectual Property of Global Standards and can be maintained through surveillance and renewal audits. The accredited part of the above scope is monitored as per EGAC rules & regulations and unaccredited scope is maintained as per Global Standards Management System Regulations.



SCAN TO VERIFY



Director

This certificate can be verified on our official website
www.globalstds.in

ADDRESS:-
C-37/6, Paper Mill Colony, Nishatganj,
Lucknow -226006, Uttar Pradesh, India
TEL :- 8960019001





GS-ADM-044 Rev 05 Effective Date: 20.06.2020



ISO 9001 CERTIFICATE



GLOBAL STANDARDS
Your Certification Registrar

CERTIFICATE

This Certificate certifies that the Management System of

SAMRAT PLYWOOD LIMITED

ADDRESS:-
VILLAGE HAIBATPUR ROAD, DERABASSI DISTT. SAS NAGAR (PUNJAB)
INDIA. VILLAGE BIRPLASSI, NALAGARH DISTT. SOLAN (H.P.) INDIA

has been audited by Global Standards and found to be in conformance with the requirements of the standard

ISO 9001:2015

(Quality Management System)

This certificate is valid for the following scope

MANUFACTURING, MARKETING, SUPPLY & EXPORT
OF PLYWOOD PANELS, FLUSH DOOR SHUTTERS,
DECORATIVE LAMINATES & EXTERIOR CLADDING

Certificate No. : 090501AL01SA

| | | |
|---|---|--------------------------------------|
| Certificate since : 12/01/2024 | Certificate issue : 12/01/2024 | Next audit due : 11/01/2025 |
| 1 st Surveillance due : 11/01/2025 | 2 nd Surveillance due : 11/01/2026 | Certificate Valid Until : 11/01/2027 |

This Certificate is intellectual Property of Global Standards and can be maintained through surveillance and renewal audits. The accredited part of the above scope is monitored as per EGAC rules & regulations and unaccredited scope is maintained as per Global Standards Management System Regulations.



SCAN TO VERIFY



Director

This certificate can be verified on our official website
www.globalstds.in

ADDRESS:-
C-37/6, Paper Mill Colony, Nishatganj,
Lucknow -226006, Uttar Pradesh, India

TEL :- 8960019001






GS-ADM-044 Rev 05 Effective Date: 20.06.2020



FSC CERTIFICATE



CERTIFICATE

№: RR-COC-000847



SAMRAT PLYWOOD LTD.
SCO No-827, 1st Floor, NAC Manimajra, Near Housing Board
chowk Chandigarh, 160101, India
complies with FSC requirements of chain of custody
in respect of purchasing of wood and paper materials,
production and sales of wood and Paper products
(FSC 100%, FSC Mix, FSC Recycled), transfer system

The evaluation was based on standards:

FSC-STD-40-004 v. 3-0
FSC Standard for Chain of Custody Certification

FSC-STD-40-003 v. 2-1
FSC Standard for Chain of Custody Certification of Multiple Sites

This certificate is the property of RR and shall be returned upon the request.

The certificate does not constitute evidence that a particular product supplied by the certificate holder is FSC certified /or FSC Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents.

Issue date: 12th August, 2021
Expiry date: 11th August, 2026
Issue number: 1
Date of initial certification: 12th August, 2021
FSC License Code: FSC-C169571
The validity of the certificate shall be verified at <http://info.fsc.org>



Arkady Galimov,
Director General of Certification

Specification of the certification scope is provided in Annex.
This certificate becomes invalid if conditions of certification are not fulfilled (<http://www.rusregister.ru/doc/004.08-132.pdf>).

08-002144



The mark of
responsible forestry





CE CERTIFICATE



Institute for Testing and Certification, Inc. (ITC), Zlín, Czech Republic

TYPE - CERTIFICATE

No. 16 0360 T/ITC

confirms that the product – construction product according to the Regulation (EU) No 305/2011, as amended (called "CPR")

Compact laminates for external use , 2 mm to 18 mm, type: EGS

introduced on the market by company and producer

Samrat Plywood Limited,

Head office: Plot No. 182/11, Industrial Area, Phase 1, Chandigarh – 160002, India

Factory: Village Bir Plassi, Nalagarh, Distt. Solan 174101, Himachal Pradesh, India

complies with the applicable requirements of the European harmonized technical standard:
Annex ZA (table ZA.1, ZA.3c) of EN 438-7

The ITC has conducted the assessment of the test results according to the requirements of relevant parts of the Annex ZA of above mentioned harmonized standard. As the meeting the requirements of the harmonized standards is a presumption of conformity with the requirements of the Regulation (EU) No. 305/2011 of the European Parliament and of the Council (CPR), the product conforms from viewpoint of above indicated characteristics to the requirements of the CPR laying down harmonized conditions for the marketing of construction products. The product description, documents, assessment procedures and test results are presented in the:

- Application for product certificate issue No. 313500736, registered on 4th June 2016
- Samrat Plywood Limited's declaration on F- reaction to fire class of the product, from 4th June, 2016
- Reports No. AAL BMT-20160602001 and No. AAL BMT-20160602002, issued by "ARIHANT ANAALYTICAL LABORATORY PVT. LTD (NABL Accredited Laboratory)", Sonapat, INDIA on 6th July 2016

which are enclosed to this Certificate.

This Certificate is issued under following conditions:

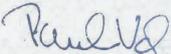
1. *It applies only to the above referenced model of the construction product.*
2. *It does not imply that the ITC has performed any surveillance or control of its manufacture.*
3. *The manufacturer is obligated to implement and maintain a Factory production control system assuring that all construction products of the respective models conform to the type approved by this Certificate.*
4. *After fulfilling of the EU legislation requirements and Declaration of Performance issuing, the Certificate holder shall affix to each product of the approved type the CE marking according to an example (the information as specified in Article 9 of CPR shall be appended to it):*



Issued in Zlín, on:
Valid until:

12-07-2020
31-07-2025




Ing. Pavel Vaněk
Director of Certification Division



RP23GPC0066



GRIHA Council

This is to certify that the products of

“Samrat Plywood Limited”

has been included in the GRIHA Product Catalogue
under the following categories:

Paneling

(Decorative Paneling; Ply Paneling; Laminated Paneling; Fire Retardant Ply Panels; Chequered Plywood; High Density Ply Paneling; Wall Cladding for Paneling)

In-built furniture

(Kitchen / toilet cabinets; Wardrobe; Workstations; Table tops; Countertops ;Underlay for countertops / flooring; Cabinets)

Internal partitions

(Laminated partitions; Wall partitions; 6mm internal partitions; Decorative partitions; Fire retardant internal partitions; Compreg plywood; Densified plywood)

Door & Door frames

(Flush Doors; Block Boards; Decorative Flush Door; Fire retardant Doors; Laminated Doors; Panel Doors; Door frames)

**GRIHA V.3 criterion: 17,
GRIHA V.2015 criterion: 21
&
SVAGRIHA criterion: 12**

The certificate for the above-mentioned products is valid from
31st July 2023 – 30th July 2025

Sanjay Seth
Chief Executive Officer & Vice President

Note: This evaluation has been done based on the documentation - in the form of 3rd party test results and/or declarations - submitted by the manufacturer to GRIHA Council.

GRIHA Council is a joint initiative of Ministry of New and Renewable Energy, Government of India and The Energy and Resources Institute (TERI) to implement GRIHA (Green Rating for Integrated Habitat Assessment), India's National Rating System for Sustainable Habitats.
www.grihaindia.org



 **IGBC CERTIFICATE**





GREEN PRO CERTIFICATE



GREEN PRO CERTIFICATE





GREEN PRO CERTIFICATE



GREEN PRO CERTIFICATE





SAMRAT[®]

PLY | LAMINATES | HPL

— Inspired by Nature —

Reach Us Here



SCO No. 827, 1st Floor,
NAC Manimajra,
Chandigarh - 160101,
INDIA



+91 8195960111



info@samratply.in



samratply.in



Follow us on