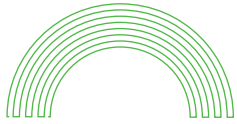




MDF KA DOOSRA NAAM

MDF RANGE





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The largest manufacturer of wood panel in India.

2 Brand Journey

Greenpanel expansion and growth.

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Excellence. Innovation. Sustainability

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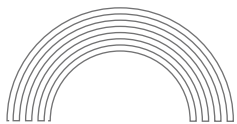


About Greenpanel Industries Ltd.

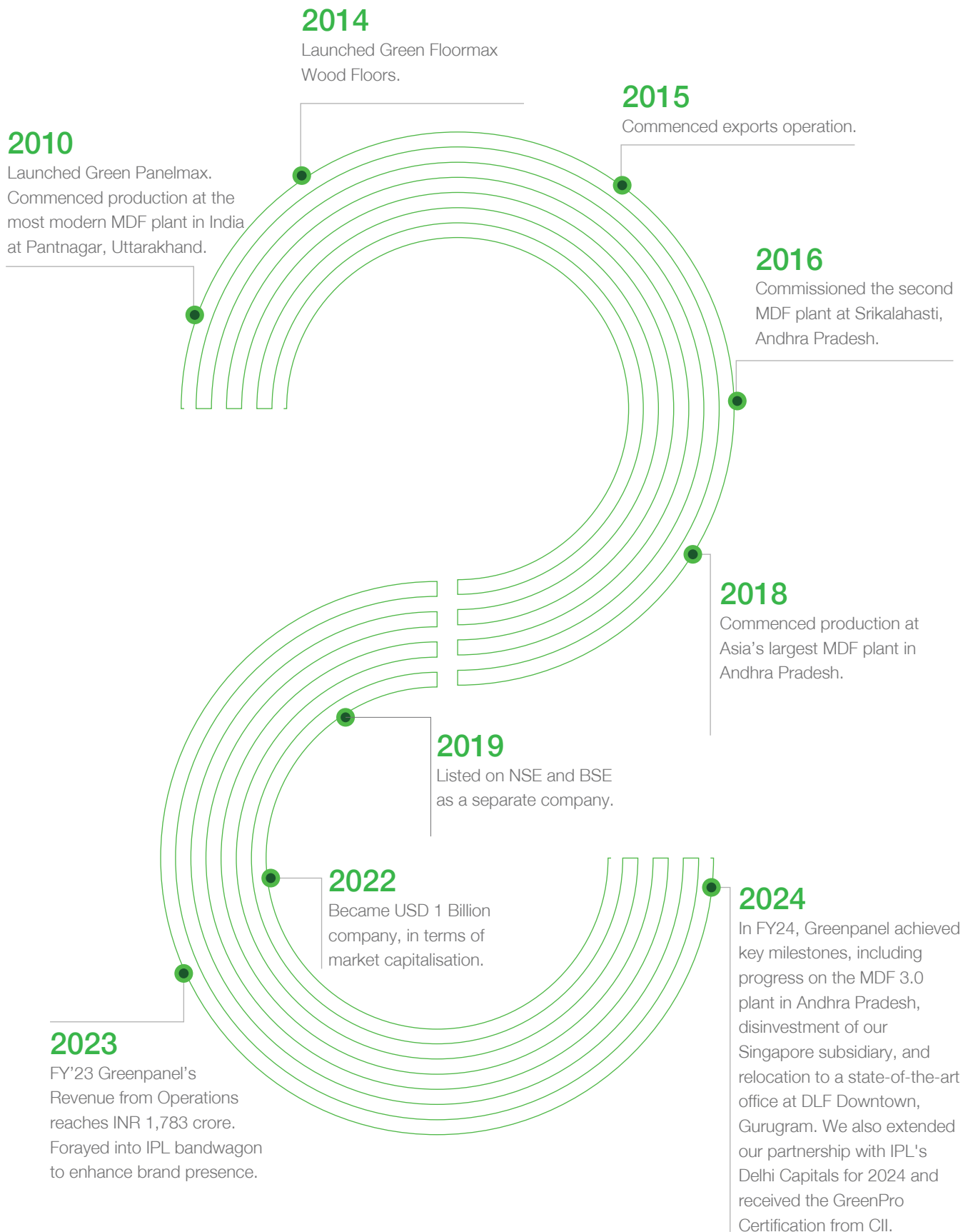
Greenpanel is India's largest wood panels manufacturer. Renowned for top-quality Medium Density Fiberboard (MDF), Plywood, Pre-Laminated MDF, and Wooden Flooring. With state-of-the-art facilities in Uttarakhand and Andhra Pradesh, innovation and sustainability are part of our DNA.

We take pride in our Greenpanel MDF, which is crafted exclusively from 100% renewable agro-forestry wood, demonstrating our commitment to environmental responsibility.

We are the largest MDF manufacturer in India, our annual production capacity is 660,000 cubic meters, and our extensive network of over 3,000 outlets ensures convenient access to our premium products.



Brand Journey



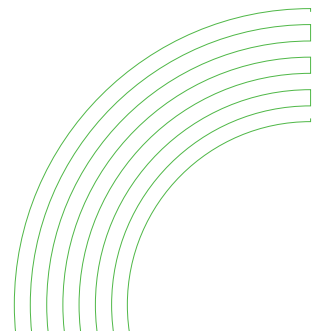


The Big Differentiator

Why Greenpanel MDF?

Excellence. Innovation. Sustainability.

Greenpanel, India's No.1 MDF Company®, is committed to providing high-performance wood panel products that not only adhere to both international and Indian standards but also delight consumers with limitless possibilities.





Environment Friendly & Sustainable Practices

- Our wood is sourced from Eucalyptus, Subabul, and Casuarina agroforests.
- Our manufacturing plants adhere to a zero-waste system, where all wood scraps are utilized to power the plant and facilitate water management.
- We encourage agroforestry among farmers by providing them with our saplings, thereby generating a source of livelihood for them.
- Our production process does not cause harm to the ecosystem.





State-of-the-art Manufacturing Process

Thanks to the exclusive and automated German technology used in our plants, our high-capacity output is in line with international standards.





Our range of MDF

As a new-age progressive wood panel brand, Greenpanel has always strived to create products that suit consumer needs and convenience. That's why we ventured into MDF, an engineered wood that has limitless applications. Our wide range of MDF boards are available in multiple sizes, thicknesses, and grades that conform to Indian and international standards.

Greenpanel MDF is available in the following grades:

HDWR (Grade 1) | Exterior MDF (Grade-1) | Interior MDF (Grade-2)

E2/E1/E0.5/CARB P2 MDF (Grade-2) | Pre-Laminated MDF (Grade 1 & 2)



Greenpanel

HDWR

WATER RESISTANT



Greenpanel

HDWR

WATER RESISTANT

Termite & Fungus Resistant and Borer-Proof*

Greenpanel HDWR board is a new class of wood-based panel products and a perfect substitute for local plywood. The high-performance board has excellent water resistance, high density, durability, and exceptional dimensional stability. That's not all, these boards are termite & fungus resistant and borer-proof*.

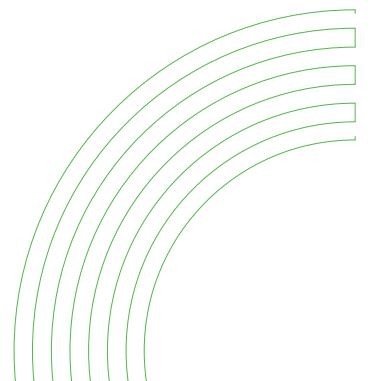
HDWR is best suited for a wide range of applications such as paneling, furniture, construction, commercial spaces interiors, wet area applications, etc.

10 reasons to buy HDWR

- High density: Strong, durable, and easy to mill.
- Water resistant: Suitable for wet areas like bathroom cabinets and kitchen shutters.
- Super smooth surface: Suitable for paint, polish, and lamination.
- Termite & fungus resistant and borer-proof*.
- Bonded with high-quality MUF resin to enhance water resistance and overall performance of the HDF board.
- Can easily be cut, shaped, routed, molded, and bored with woodworking equipment and tools.
- Can be used for pre and post lamination.
- Versatile applications: Hundreds of applications.
- Support for high loads: Load-bearing capacity.
- Dimensional stability: Uniform surface, irrespective of the weather. Resistant to warping and bending.



*T & C Apply



Wide Range

HDWR

WATER RESISTANT

Our range of products is available in several sizes and thicknesses.

Size (millimeters)*

- Plain: 2440 mm x 1220 mm, 2440 mm x 1830 mm
- Pre-Lam: 2440 mm x 1220 mm, 2440 mm x 1830 mm

Thickness (millimeters)*

- 3 mm, 5.5 mm, 7.5 mm, 11 mm, 16 mm, 16.75 mm, 18 mm & 25 mm

*Sizes & thicknesses can be customized as per the MOQ and discretion of Greenpanel.

Characteristics

HDWR is a high-density and water-resistant board that makes it ideal for wet area applications and has great load-bearing capacity. Uniform thickness, super smooth surface, excellent dimensional stability, termite & fungus and borer proof*, high-screw holding capacity, and internal bond make Greenpanel HDWR most suitable for multi-purpose applications.

Recommended Applications

Recommended for furniture, retail fixtures, kitchen cabinets & shutters, vanity cabinets, shelves, doors & cupboards.

Technical Specifications

HDWR

WATER RESISTANT

(As per BIS Standard IS 12406:2021, Grade 1)

| PROPERTIES | UNIT | GREENPANEL HDWR BOARD RESULTS (AS PER THICKNESSES) | | | | | |
|--|-----------------------------|--|----------------|----------------|-----------------|------------------|----------------|
| Thickness | mm | (> 2.5 to 4.0) | (> 4.0 to 6.0) | (> 6.0 to 9.0) | (> 9.0 to 12.0) | (> 12.0 to 19.0) | (> 19 to 30.0) |
| Density | kg/m ³ | 850 | 850 | 850 | 850 | 825 | 780 |
| Moisture content, percent | % | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 |
| Thickness Swelling | % Max. | 30 | 18 | 12 | 10 | 8 | 7 |
| Internal Bond Strength | N/mm ² , Min | 0.70 | 0.70 | 0.70 | 0.65 | 0.65 | 0.60 |
| Internal Bond Strength | | | | | | | |
| a) After cyclic test | N/mm ² , Min | 0.35 | 0.35 | 0.3 | 0.25 | 0.2 | 0.15 |
| OR | | | | | | | |
| b) After accelerated water resistance test | | 0.20 | 0.20 | 0.15 | 0.15 | 0.12 | 0.12 |
| Modulus of Rupture | | | | | | | |
| a) Average | N/mm ² , Min | 27 | 27 | 27 | 26 | 24 | 22 |
| b) Individual | | 24 | 24 | 24 | 23 | 21.5 | 19.5 |
| Modulus of Elasticity | | | | | | | |
| a) Average | N/mm ² , Min | 2800 | 2700 | 2700 | 2500 | 2400 | 2300 |
| b) Individual | | 2500 | 2400 | 2400 | 2300 | 2100 | 2000 |
| Screw Withdrawal Strength | | | | | | | |
| a) Face | N, Min. | 1250 | | | | | |
| b) Edge | | | | | | | 850 |
| Formaldehyde content (Fc) | mg/100 g for oven dry board | Formaldehyde class, E1 – Fc ≤ 8 | | | | | |
| | | Formaldehyde class, E2 – 8 < Fc ≤ 30 | | | | | |

*Our test results are significantly superior to the IS 12406:2021, Grade 1.







EXTERIOR MDF



Greenpanel Exterior MDF

Greenpanel Exterior Grade MDF is an engineered wood panel product that's homogenous and consistent, from surface to core. It is known for its versatility, high quality, superior design capabilities, and environmental stewardship.

As per the latest BIS Standard IS 12406:2021, Grade 1 Greenpanel Exterior Grade MDF can be used for a wide range of exterior applications as it is Moisture Resistant. Thanks to the high-quality melamine resin utilized there is strong internal bonding between fibers which leads to dimensional stability and prevents it from swelling, even where there is high moisture content. In addition, it is also termite, fungus resistant & borer proof*.

8 reasons to buy Exterior MDF

- Manufactured from selected hardwood timber
- Termite & fungus resistant and borer proof*
- Bonded with high-quality MUF resin that enhances water resistance and the overall performance of the MDF board
- Can be easily cut, shaped, routed, molded and bored with woodworking equipment and tools
- Limitless applications
- Easy to mill - High density enables the board to be milling friendly
- Support for high loads - Load-bearing capacity
- Dimensional stability - Uniform surface all across irrespective of the weather. Resistant to warping and bending.



*T & C Apply

Wide Range Exterior MDF

Our range of products is available in several sizes and thicknesses.

Size (millimeters)*

- Plain: 2440 mm x 1220 mm and 2440 mm x 1830 mm
- Pre-Lam: 2440 mm x 1220 mm and 2440 mm x 1830 mm

Thickness (millimeters)*

- 2.7 mm, 3.3 mm, 5.5 mm, 7.5 mm, 11 mm, 12 mm, 16.5 mm, 17 mm, 18 mm, 25 mm, 30 mm & 35 mm

*Size & thicknesses can be customized as per the MOQ and discretion of Greenpanel.

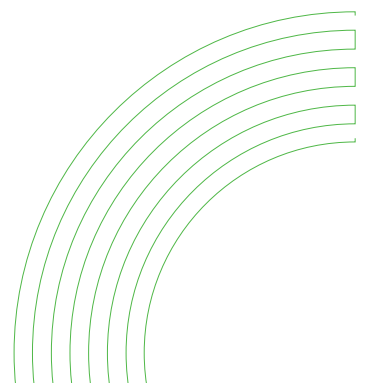
Characteristics

Greenpanel Exterior MDF is a highly recommended wood panel material for 'Residential-Commercial spaces' and 'dry to high humidity prone interior applications'.

Recommended Applications

The overall strength and smooth surface of the MDF board make it suitable for painting and provide a uniform substrate for overlaying. Due to its homogenous structure, Exterior MDF boards can be milled in 3D and then painted.

Greenpanel Exterior MDF is recommended for furniture, retail fixtures, and shutters, vanity cabinets, shelves, doors and cupboards.



Technical Specifications

Exterior MDF

(As per BIS Standard IS 12406:2021, Grade 1)

| PROPERTIES | UNIT | GREENPANEL EXTERIOR GRADE RESULTS (AS PER THICKNESSES) | | | | | |
|--|-----------------------------|--|----------------|----------------|-----------------|------------------|----------------|
| Thickness | mm | (> 2.5 to 4.0) | (> 4.0 to 6.0) | (> 6.0 to 9.0) | (> 9.0 to 12.0) | (> 12.0 to 19.0) | (> 19 to 30.0) |
| Density | kg/m ³ | 760-770 | 740-750 | 740-750 | 720-730 | 710-720 | 670-700 |
| Moisture content, percent | % | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 |
| Thickness Swelling | % Max. | 30 | 18 | 12 | 10 | 8 | 7 |
| Internal Bond Strength | N/mm ² , Min | 0.70 | 0.70 | 0.70 | 0.65 | 0.65 | 0.60 |
| Internal Bond Strength | | | | | | | |
| a) After cyclic test | N/mm ² , Min | 0.35 | 0.35 | 0.3 | 0.25 | 0.2 | 0.15 |
| OR | | | | | | | |
| b) After accelerated water resistance test | | 0.20 | 0.20 | 0.15 | 0.15 | 0.12 | 0.12 |
| Modulus of Rupture | | | | | | | |
| a) Average | N/mm ² , Min | 27 | 27 | 27 | 26 | 24 | 22 |
| b) Individual | | 24 | 24 | 24 | 23 | 21.5 | 19.5 |
| Modulus of Elasticity | | | | | | | |
| a) Average | N/mm ² , Min | 2800 | 2700 | 2700 | 2500 | 2400 | 2300 |
| b) Individual | | 2500 | 2400 | 2400 | 2300 | 2100 | 2000 |
| Screw Withdrawal Strength | | | | | | | |
| a) Face | N, Min. | 1250 | | | | | |
| b) Edge | | | | | | | 850 |
| Formaldehyde content (Fc) | mg/100 g for oven dry board | Formaldehyde class, E1 – Fc ≤ 8 | | | | | |
| | | Formaldehyde class, E2 – 8 < Fc ≤ 30 | | | | | |

*Our test results are significantly superior to the IS 12406:2021, Grade 1.



*T & C Apply



Dimension Tolerance

(Applicable to all thickness levels)

| | |
|----------------------------|----------------------|
| Thickness tolerance | $\pm 0.3 \text{ mm}$ |
| Length and width tolerance | $\pm 3 \text{ mm/m}$ |
| Squareness, Max | 2 mm/m |
| Edge straightness, Max | 2 mm/m |

Greenpanel Exterior MDF adheres to the following International Standards

- BS EN 622-5:2009 (British Standards)
- ISO 16895-2016 MR 2 (GP, FN) (Global Standards)
- JIS 5905-2003 (Type 25 & 30) (Japan)



Emission Class

E2 & E1

Standards

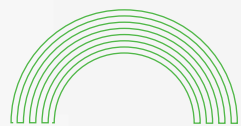
Adheres to BIS Standard
IS 12406:2021, Grade 1

Color

Pink

Certificates

ISO 9001: 2015, ISO 14001: 2015, ISO 45001:2018, FSC®, CARB P2 & EPA, CE, Green Pro and Green building certificates. The Andhra Pradesh Plant is Green Gold certified. Greenpanel MDF qualifies as a green product.



INTERIOR MDF







Greenpanel Interior MDF

Pocket-friendly & versatile

Greenpanel's premier regular density MDF board, known as Interior MDF, stands out for its exceptional attributes. With a uniform fine texture, robust bonding strength, inherent stability, and ease of machinability, this product finds versatile applications in both residential and commercial interiors. Whether used for cupboards, wardrobes, wall panels, tabletops, toys, trophies, or handicrafts, Greenpanel Interior MDF demonstrates limitless potential in design. It is crucial to note that this product is recommended exclusively for interior use and should not be subjected to dampness or high humidity.

Reasons to buy Interior MDF

It's versatile, elegant, and oh-so-perfect!

-  Smooth as a feather in flight.
-  Easily carved and routed.
-  Weather resistant with added elegance.
-  Termite & fungus resistant and borer proof*.



*T & C Apply

Wide Range Interior MDF

Our range of products is available in several sizes and thicknesses.

Size (millimeters)*

- Plain: 2440 mm x 1220 mm, 2440 mm x 1830 mm, 1830 mm x 1220 mm
- Pre-Lam: 2440 mm x 1220 mm, 2440 mm x 1830 mm

Thickness (millimeters)*

- 1.7 mm, 1.9 mm, 2.1 mm, 2.7 mm, 3.3 mm, 3.6 mm, 4 mm, 4.6 mm, 5.5 mm, 7 mm, 7.3 mm, 7.5 mm, 9.75 mm, 11 mm, 14.5 mm, 16.5 mm, 17 mm, 18 mm, 25 mm and 30 mm

*Size & thicknesses can be customized as per the MOQ and discretion of Greenpanel.

Characteristics

It is a premium regular-density board perfect for a wide range of residential and commercial interior designs. With its homogenous fine texture, exceptional bonding strength, inherent stability, and easy machinability, this MDF board offers endless possibilities.

Recommended Applications

With a smooth surface, excellent modulus of elasticity, high load-bearing capacity and strong internal bond, Greenpanel Interior MDF is highly recommended for 'residential dry space interior applications'.



*T & C Apply

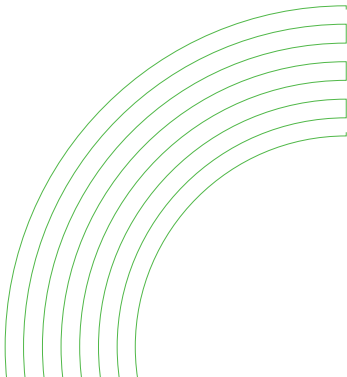
Technical Specifications

Interior MDF

(As per BIS Standard IS 12406:2021, Grade 2)

| PROPERTIES | UNIT | GREENPANEL INTERIOR GRADE RESULTS (AS PER THICKNESSES) | | | | | | |
|---------------------------|-----------------------------|--|----------------|----------------|----------------|-----------------|------------------|----------------|
| Thickness | mm | ≤ 2.5 | (> 2.5 to 4.0) | (> 4.0 to 6.0) | (> 6.0 to 9.0) | (> 9.0 to 12.0) | (> 12.0 to 19.0) | (> 19 to 30.0) |
| Density | kg/m³ | 770-780 | 760-770 | 740-750 | 740-750 | 720-730 | 710-720 | 670-700 |
| Moisture content, percent | % | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 |
| Thickness Swelling | % Max. | 45 | 35 | 30 | 17 | 15 | 12 | 10 |
| Internal Bond Strength | N/mm², Min | 0.65 | 0.65 | 0.65 | 0.65 | 0.6 | 0.55 | 0.55 |
| Modulus of Rupture | | | | | | | | |
| a) Average | N/mm², Min | 23 | 23 | 23 | 23 | 22 | 20 | 18 |
| b) Individual | | 20.5 | 20.5 | 20.5 | 20.5 | 19.5 | 18 | 16 |
| Modulus of Elasticity | | | | | | | | |
| a) Average | N/mm², Min | 2800 | 2800 | 2700 | 2700 | 2500 | 2200 | 2100 |
| b) Individual | | 2500 | 2500 | 2400 | 2400 | 2250 | 1950 | 1900 |
| Screw Withdrawal Strength | | | | | | | | |
| a) Face | N, Min. | 1250 | | | | | | |
| b) Edge | | | | | | | 700 | |
| Formaldehyde content (Fc) | mg/100 g for oven dry board | Formaldehyde class, E1 – Fc ≤ 8 | | | | | | |
| | | Formaldehyde class, E2 – 8 < Fc ≤ 30 | | | | | | |

*Our test results are significantly superior to the IS 12406:2021, Grade 2.





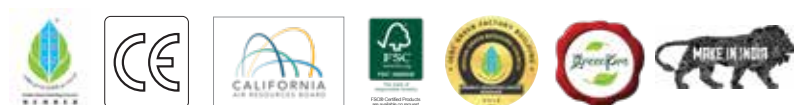
Dimension Tolerance

(Applicable to all thickness levels)

| | |
|----------------------------|----------------------|
| Thickness tolerance | $\pm 0.3 \text{ mm}$ |
| Length and width tolerance | $\pm 3 \text{ mm/m}$ |
| Squareness, Max | 2 mm/m |
| Edge straightness, Max | 2 mm/m |

Greenpanel Interior Grade MDF adheres to the following International Standards

- BS EN 622-5:2009 (British Standards)
- ISO 16895-2016 MR 2 (GP, FN) (Global Standards)
- JIS 5905-2003 (Type 25 & 30) (Japan)



Emission Class

E2 & E1

Standards

Adheres to BIS Standard
IS 12406:2021, Grade 2

Color

Brown/Natural Wood

Certificates

ISO 9001: 2015, ISO 14001: 2015, ISO 45001:2018, FSC®, CARB P2 & EPA, CE, Green Pro and Green building certificates. The Andhra Pradesh Plant is Green Gold certified. Greenpanel MDF qualifies as a green product.



CARB P2 MDF





Greenpanel **CARB P2 MDF**

Loved by all. Safe for all.

Greenpanel CARB P2 MDF has zero Formaldehyde emissions to meet the International Green grade product standards and hence it is people and environment friendly wood panel product.

Greenpanel uses renewable & sustainable hardwood species like Eucalyptus, Casuarina, and Subabul. It meets stringent environmental and utility guidelines to provide high-quality boards. Thus, supports sustainable management practices.

CARB P2 MDF has higher bending strength, load-bearing capacity, screw-holding capacity and above all it is a green product that's safe for kids also.

Wide Range CARB P2 MDF

Our range of products is available in several sizes and thicknesses.

Size (millimeters)*

- Plain: 2440 mm x 1220 mm and 2440 mm x 1830 mm
- Pre-Lam: 2440 mm x 1220 mm and 2440 mm x 1830 mm

Thickness (millimeters)*

- 3.3 mm, 5.5mm, 7.3 mm, 11 mm, 14.5 mm, 16 mm, 16.5 mm, 17 mm, 18 mm and 25 mm

*Size & thicknesses can be customized as per the MOQ and discretion of Greenpanel.

Characteristics

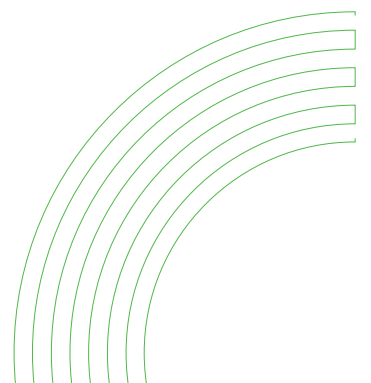
Low Formaldehyde emission and higher density as per International standards that makes it a safe and environment friendly wood panel for all spaces and applications.

Recommended Applications

Specially recommended for applications where hygiene and safety are of paramount need, with damp conditions or high ambient temperatures.

Wide Range of Applications

- School and hospital furnitures
- Retail fixtures
- Partitions
- Panelling in museums
- Kid's furniture and toys
- Modular furniture
- Workstations
- Cupboard shutters and TV cabinets, etc.



Technical Specifications

CARB P2 MDF

(As per CARB P2 Compliance)

| PROPERTIES | UNIT | GREENPANEL CARB P2 GRADE RESULTS (AS PER THICKNESSES) | | | | | | |
|---------------------------|-------------------------|---|----------------|----------------|----------------|-----------------|------------------|----------------|
| Thickness | mm | ≤ 2.5 | (> 2.5 to 4.0) | (> 4.0 to 6.0) | (> 6.0 to 9.0) | (> 9.0 to 12.0) | (> 12.0 to 19.0) | (> 19 to 30.0) |
| Density | kg/m ³ | 770-780 | 750-760 | 740-760 | 740-750 | 720-730 | 710-720 | 670-700 |
| Moisture content, percent | % | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 |
| Thickness Swelling | % Max. | 45 | 35 | 30 | 17 | 15 | 12 | 10 |
| Internal Bond Strength | N/mm ² , Min | 0.65 | 0.65 | 0.65 | 0.65 | 0.6 | 0.55 | 0.55 |
| Modulus of Rupture | | | | | | | | |
| a) Average | N/mm ² , Min | 23 | 23 | 23 | 23 | 22 | 20 | 18 |
| b) Individual | | 20.5 | 20.5 | 20.5 | 20.5 | 19.5 | 18 | 16 |
| Modulus of Elasticity | | | | | | | | |
| a) Average | N, Min. | 2800 | 2800 | 2700 | 2700 | 2500 | 2200 | 2100 |
| b) Individual | | 2500 | 2500 | 2400 | 2400 | 2250 | 1950 | 1900 |
| Screw Withdrawal Strength | | | | | | | | |
| a) Face | N/mm ² , Min | 1250 | | | | | | |
| b) Edge | | 700 | | | | | | |
| Formaldehyde content (Fc) | ppm | For Thin MDF = 0.13; For MDF = 0.11 | | | | | | |

*Our test results are significantly superior to the BIS Standard IS 12406:2021, Grade 2.





Dimension Tolerance

(Applicable to all thickness levels)

| | |
|----------------------------|----------------------|
| Thickness tolerance | $\pm 0.3 \text{ mm}$ |
| Length and width tolerance | $\pm 3 \text{ mm/m}$ |
| Squareness, Max | 2 mm/m |
| Edge straightness, Max | 2 mm/m |

Greenpanel MDF is also available in E0.5 grade where the Formaldehyde Content (Fc) is $\leq 4.0 \text{ mg/100gm}$ for oven dry board

CARB P2 Grade MDF adheres to the following International Standards

- BS EN 622-5 (British Standard)
- ISO 16895-2016 REG (Global Standards)



Emission Class

As per CARB P2

Standards

Adheres to BIS Standard
IS 12406:2021, Grade 2

Color

Brown/Natural Wood

Certificates

ISO 9001: 2015, ISO 45001: 2018, FSC®, CARB P2 & EPA, CE, Green Pro and Green building certificates international standard. Greenpanel Industries Limited environment is managed according to ISO 14001:2015 international environmental management systems standard. This embodies our commitment to pursuing a path of continual improvement in environmental management. Greenpanel MDF qualifies as a green product.



Pre-Laminated MDF



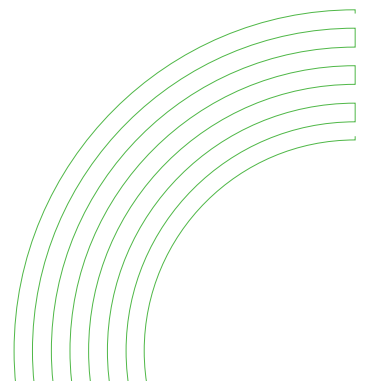


Greenpanel Pre-Laminated MDF

For the multiple expressions that make you.

Presenting a collection that epitomizes sophistication, featuring a myriad of decorative designs. Discover the seamless blend of suede and matte textures on your finger glide. These boards offer ease of maintenance, with resistance to staining, scratching, and simplified fabrication. Their resilience extends to moisture resistance and adaptability to climatic changes, rendering them conducive to various weather conditions.

Within our premium selection, labeled 'Exquisite' designs, we showcase a diverse spectrum of shades meticulously curated to meet the refined preferences and lifestyles of discerning consumers. Additionally, our 'Classic' designs, recognized for their popularity, encompass a broad array of vibrant and captivating options.





Characteristics

The product features an exclusive range of designs and imported decor papers, offering scratch resistance and superior abrasion resistance. It is also resistant to steam and water vapors, as well as cracks and stains, ensuring long-lasting durability. Additionally, it benefits from the widest distribution network, making it readily available.

Recommended Applications

Recommended for various applications, this product is suitable for furniture interior design, dry area partition paneling, false ceilings, and handicraft cabinets and wardrobes.

Emission Class

E1 & E2

Standards

*Adhere to BIS Standards IS 14587 : 2023



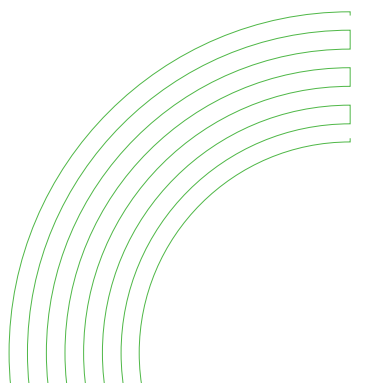
Classic Range

Elevating Spaces, Enriching Lives.

Classic is the range of fast moving designs, with a wide variety of colourful and dazzling selection to choose from. This range is offered under the standard HDWR, Exterior and Interior variations. Discover the synergy of elegance and resilience with Greenpanel Pre-Laminated MDF Classic Range, transforming spaces and lifestyles.

Our Pre-Laminated MDF range, crafted with precision, reflects the discerning choices and refined lifestyles of our esteemed customers. The range includes :

- Wood Grains
- Fabrics
- Vibrant/Solid Colors





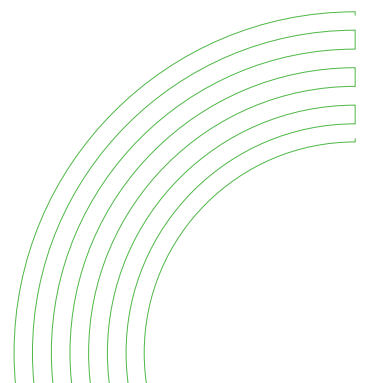
Exquisite Range

Indulge In Unmatched Luxury

We offer a premium range under the 'Exquisite' designs, with a wide array of shades to boast of. Each shade has been chosen and designed for exquisite living keeping in mind refined choices and lifestyles of discerning consumers.

The exquisite range includes:

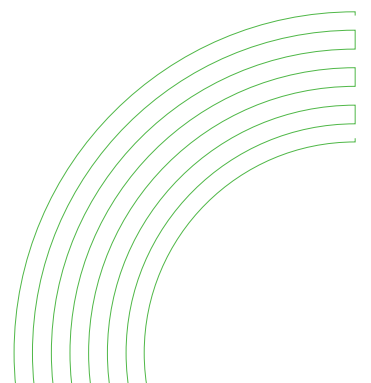
- Art's Stroke
- Wood Grains
- Fabrics
- Vibrant/Solid Colors





Art's Stroke

Greenpanel's exquisite range of vivid solid coloured Pre-Laminated MDF is selected carefully to add happiness and brightness to your interiors. Accentuating your desire for a tastefully crafted bright space, that brings a smile to your face.





Wood Grains

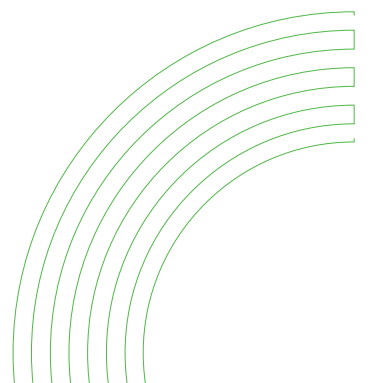
Experience the embrace of nature through Greenpanel's Pre-Laminated MDF collection, featuring an array of wood grain patterns. Elevate your interiors with a touch of luxury, class, and elegance, leaving a lasting impression.





Fabrics

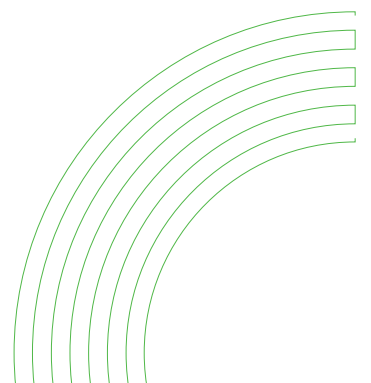
These timeless Pre-Laminated MDF designs draw inspiration from fabric patterns, gracing your living spaces with enduring impressions of style.





The Magic of Colours

The Greenpanel Pre-Laminated MDF range, featuring solid colors available in both exquisite and classic range, offers a diverse selection of vivid shades. This collection aims to infuse vibrancy into the interiors of residences, offices, hotels, restaurants, and various other spaces, enhancing personal environments and fostering a positive ambiance.



Technical Specifications

(As per IS 14587 : 2023)

| Greenpanel Interior Pre-Laminated MDF (Grade 2) | | | | | | | |
|---|------------------------------|--|--------------|-----------|-------------|---------|---------|
| PROPERTIES | UNIT | Classic & Exquisite Range | | | | | |
| | | OSL/ BSL/ OSB/ BSB | | | | | |
| | | Results as per Thicknesses | | | | | |
| THICKNESS (mm) | mm | 5.5 | 7, 7.3 & 7.5 | 9.75 & 11 | 14.5 & 16.5 | 17 & 18 | 25 |
| Density | Kg/m ³ | 740-760 | 740-750 | 720-730 | 710-720 | 710-720 | 690-700 |
| Moisture content, percent | % | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 |
| Thickness Swelling | % Max | 30 | 17 | 15 | 12 | 12 | 10 |
| Internal Bond Strength | N/mm ² , Min | 0.65 | 0.65 | 0.60 | 0.55 | 0.55 | 0.55 |
| Modulus of Rupture | | | | | | | |
| a) Average | N/mm ² , Min | 23 | 23 | 22 | 20 | 20 | 18 |
| b) Individual | | 20.5 | 20.5 | 19.5 | 18 | 18 | 16 |
| Modulus of Elasticity | | | | | | | |
| a) Average | N/mm ² , Min | 2700 | 2700 | 2500 | 2200 | 2200 | 2100 |
| b) Individual | | 2400 | 2400 | 2250 | 1950 | 1950 | 1900 |
| Screw Withdrawal Strength (Min) | | | | | | | |
| a) Face | N, Min. | 1250 | | | | | |
| b) Edge | | 700 | | | | | |
| Formaldehyde Content (FC), | mg/100 gm for oven dry board | Formaldehyde class, E1- Fc ≤ 8 mg/100 g, E2-8.0 < Fc ≤ 30 mg/100 g | | | | | |

| Greenpanel Exterior Pre-Laminated MDF (Grade 1) | | | | | | | |
|---|------------------------------|--------------------------------------|---------|---------|-----------|---------|--|
| PROPERTIES | UNIT | Classic & Exquisite Range | | | | | |
| | | OSL/ BSL/ OSB/ BSB | | | | | |
| | | Results as per Thicknesses | | | | | |
| THICKNESS (mm) | mm | 5 | 7.5 | 11 | 16.5 & 17 | 25 & 30 | |
| Density | kg/m ³ | 740-750 | 740-750 | 720-730 | 710-720 | 690-700 | |
| Moisture content, percent | % | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 | |
| Thickness Swelling | % Max. | 18 | 12 | 10 | 8 | 7 | |
| Internal Bond Strength | N/mm ² , Min | 0.70 | 0.70 | 0.65 | 0.65 | 0.60 | |
| Internal Bond Strength | | | | | | | |
| a) After cyclic test | N/mm ² , Min | 0.35 | 0.3 | 0.25 | 0.2 | 0.15 | |
| OR | | | | | | | |
| b) After accelerated water resistance test | N/mm ² , Min | 0.20 | 0.15 | 0.15 | 0.12 | 0.12 | |
| Modulus of Rupture | | | | | | | |
| a) Average | N/mm ² , Min | 27 | 27 | 26 | 24 | 22 | |
| b) Individual | | 24 | 24 | 23 | 21.5 | 19.5 | |
| Modulus of Elasticity | | | | | | | |
| a) Average | N/mm ² , Min | 2700 | 2700 | 2500 | 2400 | 2300 | |
| b) Individual | | 2400 | 2400 | 2300 | 2100 | 2000 | |
| Screw Withdrawal Strength | | | | | | | |
| Face | N, Min. | 1250 | | | | | |
| Edge | | 850 | | | | | |
| Formaldehyde Content (Fc) | mg/100 gm for oven dry board | Formaldehyde class, E1 – Fc ≤ 8 | | | | | |
| | | Formaldehyde class, E2 – 8 < Fc ≤ 30 | | | | | |

Technical Specifications

(As per IS 14587 : 2023)

| Greenpanel HDWR Pre-Laminated MDF (Grade 1) | | | | | | |
|---|-----------------------------|--------------------------------------|------|------|----------------|------|
| PROPERTIES | UNIT | Classic & Exquisite Range | | | | |
| | | OSL/ BSL/ OSB/ BSB | | | | |
| | | Results as per Thicknesses | | | | |
| THICKNESS (mm) | mm | 5.5 | 7.5 | 11 | 16, 16.75 & 18 | 25 |
| Density | kg/m ³ | 850 | 850 | 850 | 825 | 780 |
| Moisture content, percent | % | 5-10 | 5-10 | 5-10 | 5-10 | 5-10 |
| Thickness Swelling | % Max | 18 | 12 | 10 | 8 | 7 |
| Internal Bond Strength | N/mm ² , Min | 0.70 | 0.70 | 0.65 | 0.65 | 0.60 |
| a) After Cyclic Test | N/mm ² , Min | 0.35 | 0.3 | 0.25 | 0.2 | 0.15 |
| OR | | | | | | |
| b) After accelerated water resistance test | | 0.20 | 0.15 | 0.15 | 0.12 | 0.12 |
| Modulus of Rupture | | | | | | |
| a) Average | N/mm ² , Min | 27 | 27 | 26 | 24 | 22 |
| b) Individual | | 24 | 24 | 23 | 21.5 | 19.5 |
| Modulus of Elasticity | | | | | | |
| a) Average | N/mm ² , Min | 2700 | 2700 | 2500 | 2400 | 2300 |
| b) Individual | | 2400 | 2400 | 2300 | 2100 | 2000 |
| Screw Withdrawal Strength | | | | | | |
| a) Face | N, Min. | 1250 | | | | |
| b) Edge | | 850 | | | | |
| Formaldehyde content (Fc), | mg/100 g for oven dry board | Formaldehyde class, E1 – Fc ≤ 8 | | | | |
| | | Formaldehyde class, E2 – 8 < Fc ≤ 30 | | | | |

Abrasion resistance in number of revolutions, Min,

| | |
|----------|----------|
| (Type 1) | ← 1000 → |
| (Type 2) | ← 450 → |
| (Type 3) | ← 250 → |
| (Type 4) | ← 75 → |

Resistance to steam/water vapours

Resistance to crack

Resistance to a cigarette burn

Resistance to stain

No blister, delamination or change in surface finish

No sign of crack or delamination

No mark or stain on the specimen after cleaning with water or solvent*

No stain on the specimen after cleaning with solvent or detergent

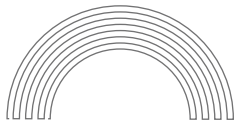
General Tolerances

| | |
|----------------------------|----------------|
| Thickness tolerance | ± 0.3 mm |
| Length and width tolerance | ± 3 mm/m |
| Squareness, Max | 2 mm/m or 0.2% |
| Edge straightness, Max | 2 mm/m or 0.2% |

*The Abrasion Resistance test is conducted for all three prelaminated categories: Interior, Exterior, and HDWR.

Certificates

ISO 9001: 2015, ISO 45001: 2018, FSC®, CARB P2 & EPA, CE Green Pro and Green building certificates international standard. Greenpanel Industries Limited environment is managed according to ISO 14001:2015 international environmental management systems standard. This embodies our commitment to pursuing a path of continual improvement in environmental management.



Our Network

North & Central Zone



• Mohali

Greenpanel Industries Ltd.,
Bestech Business Tower,
A709 – 7th Floor, Sector 66
A, Mohali - 160066

• Indore

Greenpanel Industries Ltd.,
Surana's E-87, 2nd Floor
Anurag Nagar Ext. LIG LINK
Road, Indore - 452018

• Gurugram

Greenpanel Industries Ltd.,
Block 3, First Floor, DLF
Phase 3, Sector 25A
Gurugram-122011

• Lucknow

Greenpanel Industries Ltd.,
Unit No 507, 5th Floor,
Urbanac Bussiness Park,
Vibhuti Khand, Gomti Nagar,
Lucknow - 226010

South Zone



• Bengaluru

Greenpanel Industries Ltd.,
Jain Heights, B6, 6th Floor,
No. 2, Solus, 1st Cross,
J.C., Bangalore - 560027

• Kochi

Greenpanel Industries Ltd.,
No. 46/246 A, Ashok Road
Kaloor, Kochi - 682017

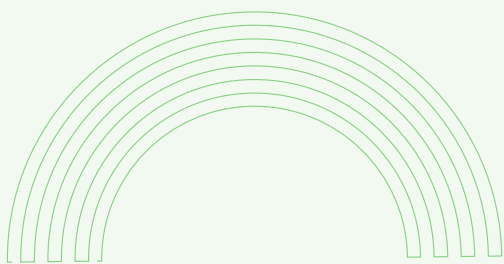
West Zone



• Mumbai

Greenpanel Industries Ltd.,
The Summit Business Bay,
Unit No. 917, Near WEH
Metro Station, Andheri
Kurla Road, Andheri (E),
Mumbai - 400093





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