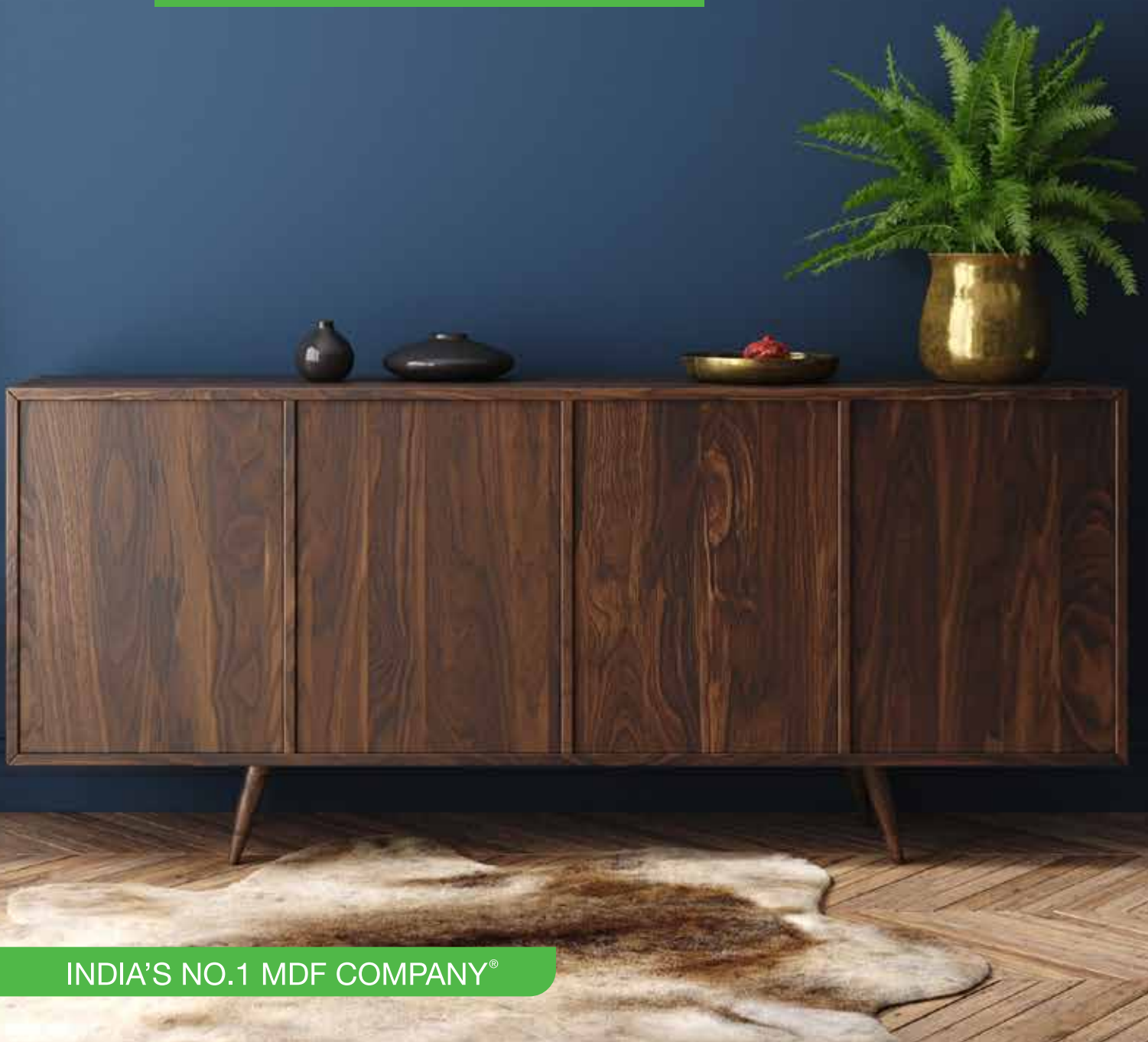


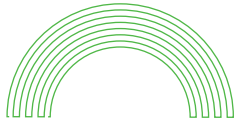


**DESIGNED TO
PERFORM
BUILT TO LAST**

MDF & HDF Solutions



INDIA'S NO.1 MDF COMPANY[®]



Content

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The largest manufacturer of wood panel in India.

2 Brand Journey

Greenpanel expansion and growth.

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Available in multiple grades, sizes & thicknesses that conform to International Standard.



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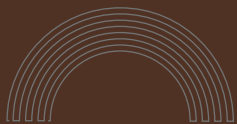


About Greenpanel Industries Ltd.

Greenpanel, India's largest wood panel manufacturer, is committed to bringing the most advanced and premium products across its portfolio to cater to the rapidly evolving needs of India's interior industry.

We turn your vision into reality. You seek perfection as you design your perfect space, and we bring you every bit of it, in every piece that you put together to build your dream.

We have adopted the best eco-friendly practices, sourcing timber from agroforestry plantations instead of natural forests. With state-of-the-art facilities in Uttarakhand and Andhra Pradesh, an annual production capacity exceeding 891,000 cubic meters, and a network of over 3,000 outlets, we ensure convenient access to our premium products across the country, demonstrating our commitment to sustainability and innovation.



Greenpanel Brand Journey

2010

Launched Green Panelmax. Commenced production at the most modern MDF plant in India at Pantnagar, Uttarakhand.

2014

Launched Green Floormax Wood Floors.

2015

Commenced exports operation.

2016

Commissioned the second MDF plant at Srikalahasti, Andhra Pradesh.

2019

Listed on NSE and BSE as a separate company.

2018

Commenced production at Asia's largest MDF plant in Andhra Pradesh.

2020

Achieved a major milestone, becoming a ₹ 1,000 crore revenue company.

2022

Became USD 1 Billion company, in terms of market capitalisation.

2025

Commencement of new Thin Line at the Andhra Pradesh plant with 2,31,000 CBM annual capacity, along with the launch of HDWR Door and Thin MDF.

2023

FY'23 Greenpanel's revenue from operations reaches INR 1,783 crore. Forayed into IPL bandwagon to enhance brand presence.

2024

Expand our product portfolio with the launch of FIREX, our advanced Fire-Retardant Plywood



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.



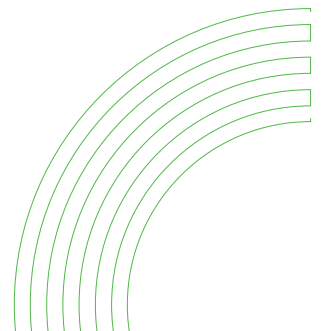


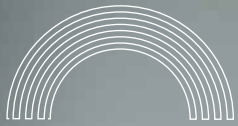
Our Range

Driven by innovation and a deep understanding of consumer needs, Greenpanel continues to redefine possibilities in the wood panel industry. Our extensive range of MDF and HDF boards offer versatile solutions for a multitude of applications, combining performance, precision, and reliability.

Available in an array of sizes, thicknesses, and grades, Greenpanel MDF and HDF products are manufactured to meet stringent Indian and international standards, making them the preferred choice for modern interiors and furniture solutions.

BoilBLACK | HDWR | Exterior MDF | Interior MDF | FRMDF
E1/E0.5/CARB P2 | MDF | Pre-Laminated MDF





Boil **BLACK**™

Boiling Water Proof HDF



India's Strongest, Toughest, Heaviest BWP HDF

Engineered for extreme environments, Greenpanel BoilBLACK BWP HDF sets a new benchmark in high-density fibreboards with unmatched compactness, dimensional stability, and hydrothermal endurance. In a category where true excellence is rare, BoilBLACK stands apart with advanced engineering, superior fibre bonding, and uncompromising material science, delivering exceptional density, accuracy, and resilience.

Built to outperform, it offers superior strength, rigidity, and long-term durability that conventional HDF simply cannot match, even under intense heat, moisture, and pressure. Ideal for kitchens, bathrooms, modular furniture, premium door skins, architectural wall panels, and high-traffic interiors, BoilBLACK remains stable where ordinary boards bend, swell, or deteriorate. BoilBLACK BWP HDF, engineered for global performance. Trusted for exceptional durability.

Reasons to buy BoilBLACK

- Boiling Water Proof – Withstands prolonged boiling without deterioration.
- Ultra-High Density – Superior compactness and long-term strength.
- Exceptional Dimensional Stability – Remains flat after repeated wet-dry cycles.
- Borer & Termite Proof – Resists microbial and fungal attack.
- Low Emission – Promotes healthier indoor air quality.
- Fire-Retardant Variant – Enhanced safety available.
- High Load-Bearing Capacity – Suitable for demanding applications.
- Strong Fibre Bonding – Long-lasting structural integrity.



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)*

- 12mm, 18 mm

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

Characteristics

With an ultra-high-density of 1100 kg/m³, BoilBLACK delivers exceptional boiling-water-proof performance, superior dimensional stability, and long-term structural integrity. Manufactured on German Dieffenbacher CPS+ Continuous Press, it features a smooth, finish-ready surface suitable for laminates, veneers, PU finishes, and digital printing.

Recommended Applications

Built to perform under extreme conditions, Greenpanel BoilBLACK BWP HDF is ideal for high-moisture, high-traffic, and load-intensive environments. Recommended for:

- Bathroom vanities and partitions
- Premium furniture
- Floors
- Marine interiors
- High load-bearing areas
- Restroom cubicles

Color

Black



Technical Specifications

BoilBLACK™

PROPERTIES	UNIT	GIL Specifications	Thickness 12mm Result	Thickness 18mm Result
Thickness	mm	-	12.00	18.00
Grade	-	-	BoilBLACK	BoilBLACK
Thickness Tolerance	-	±0.3 mm	12.08	18.10
Length & Width Tolerance	mm	±3.0 mm/m	1.0 & 0.50	1.0 & 0.0
Squareness	mm	2.0 mm/m	1.0	1.0
Edge Straightness	mm	2.0 mm/m	0.35	0.30
Density	kg/m ³	1100	1103	1105
Moisture Content	%	5–10	5.32	5.22
Thickness Swelling (24 Hr)	%	Max. 5	3.18	3.02
Modulus of Rupture	N/mm ²	Min. 60	68.50	70.50
Modulus of Elasticity	N/mm ²	Min. 5000	6047	5684
Internal Bond	N/mm ²	Min. 2.0	3.18	3.07
Screw Withdrawal Face	N	Min. 6000	6322	6309
Screw Withdrawal Edge (≥12 mm)	N	Min. 4500	4710	4860
Formaldehyde Emission Class	-	-	E2	E2



Greenpanel

HDWR

WATER RESISTANT



Greenpanel

HDWR

WATER RESISTANT

Termite, Borer & Fungus Resistant*

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, Borer & Fungus Resistant*.

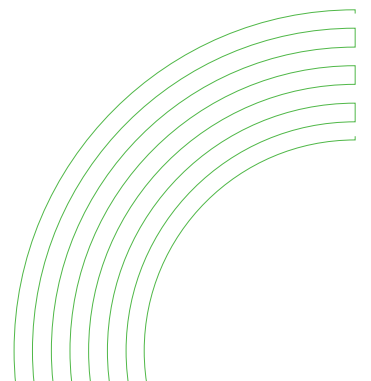
HDWR is best suited for a wide range of applications such as paneling, furniture, construction, commercial spaces interiors, wet area applications, etc.

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, Borer & Fungus Resistant*
- 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)*

- 2.7 mm, 3.3 mm, 5.5 mm, 7.3 mm, 11 mm, 17 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, Borer & Fungus Resistant*, 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

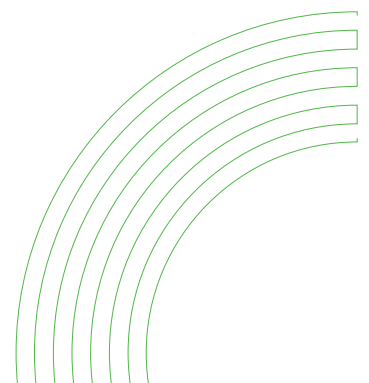
HDWR

WATER RESISTANT

(As per BIS Standard IS 12406:2025)

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
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 BIS prescribed values.





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 HDWR 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 Standards 12406:2025

Color

Green

Certificates

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



EXTERIOR MDF



Greenpanel Exterior MDF

Greenpanel Exterior 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 12406:2025, Greenpanel Exterior 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, Borer & Fungus Resistant*.

Reasons to buy Exterior MDF

- Manufactured from selected hardwood timber
- Termite, Borer & Fungus Resistant*
- 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)*

- 2.7mm, 3.3 mm, 5.5 mm, 7.3 mm, 11 mm, 17 mm, 18 mm, 25 mm

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

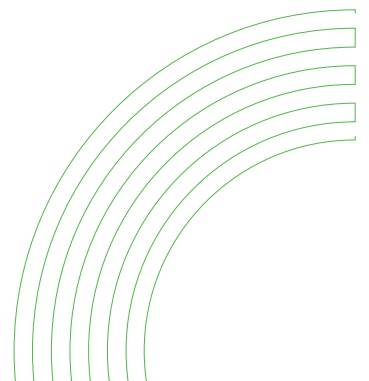
Characteristics

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.



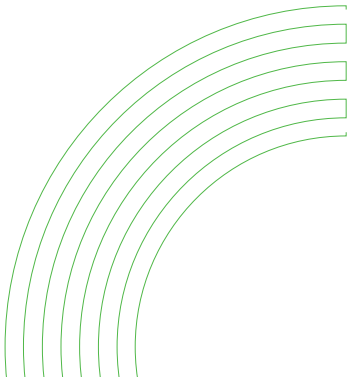
Technical Specifications

Exterior MDF

(As per BIS Standard IS 12406:2025)

PROPERTIES	UNIT	GREENPANEL EXTERIOR MDF 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)
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/mm2, Min	0.70	0.70	0.70	0.65	0.65	0.60
Internal Bond Strength							
a) After cyclic test	N/mm², 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/mm², Min	27	27	27	26	24	22
b) Individual		24	24	24	23	21.5	19.5
Modulus of Elasticity							
a) Average	N/mm², 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 BIS prescribed values.



*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

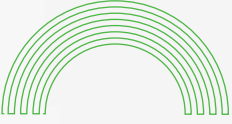
Adheres to BIS Standards 12406:2025

Color

Pink

Certificates

ISO 9001: 2015, ISO 14001: 2015, ISO 45001:2018, FSC®, CARB, 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 Grade, 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 Grade 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 and borer resistant*.



*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)*

- 1.7mm, 1.9 mm, 2.1 mm, 3.3 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 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

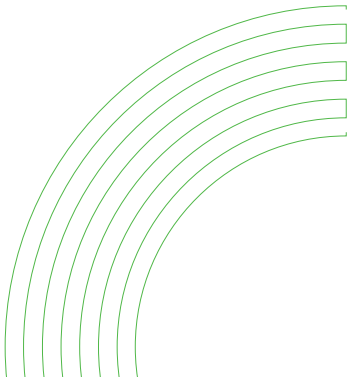


Interior MDF

(As per BIS Standard IS 12406:2025)

PROPERTIES	UNIT	GREENPANEL INTERIOR MDF 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 BIS prescribed values.





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 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 Standards 12406:2025

Color

Brown/Natural Wood

Certificates

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



FRMDF

FIRE RETARDANT



Greenpanel FRMDF

Greenpanel Fire-Retardant MDF (FRMDF)

is a high-performance engineered wood panel built for superior fire resistance, safety, and durability. Infused with advanced fire-retardant chemicals, it meets international safety standards, making it ideal for homes, offices, and public spaces. With low flammability, minimal smoke, and strong ignition resistance, Greenpanel FRMDF offers reliable protection without compromising on aesthetics or performance.

Reasons to buy FRMDF

- Tested to BS 476 Part 7 Class 1 and is IS 12406:2025 REG GRADE MDF
- Environmentally friendly - complies with E2 formaldehyde emission standards for improved indoor air quality
- Reduces spread of smoke, heat, flame release
- Delayed ignition & highly durable
- Prevent combustion, infused with special chemicals
- Reduced smoke and burning droplets
- Ideal for interiors in fire – sensitive/wildfire prone areas
- Termite, Fungus & Borer Resistant*
- Versatile for wall panelling, furniture & decorative use

*T & C Apply

Wide Range FRMDF

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)*

- 12mm, 18 mm

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

Characteristics

Engineered for strength and dimensional stability, Greenpanel FRMDF is warp-resistant, swell-resistant, and crack-resistant - making it ideal for modular furniture, panelling, and interior applications. It offers a smooth surface suitable for lamination, PU coating, and decorative finishing, while also being resistant to termites, borers, and fungus. Environmentally conscious, it meets E2 formaldehyde emission standards for improved indoor air quality and is manufactured using responsibly sourced hardwood fibres aligned with GreenPro-certified processes.

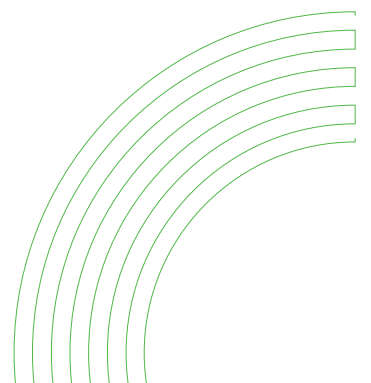
Recommended Applications

Commercial Buildings & Offices, Hotels & Public Building, Hospitals & Educational Spaces, Residential Homes, Airports, Theatres and Auditoriums.

Color

Navy Blue

*T & C Apply



Technical Specifications

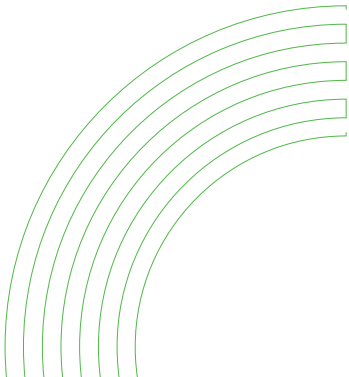
FRMDF

(As per BIS Standard IS 12406:2025)

PROPERTIES	UNIT	Prescribed Value (IS 12406:2025)		Thickness 12mm Result	Thickness 18mm Result
		12mm	18mm		
Thickness	mm	±0.3	±0.3	12.01	18.03
Density	kg/m³	600–900	600–900	755	753
Moisture Content	%	5–10	5–15	5.53	5.48
Thickness Swelling (24 hr Max.)	%	15	12	12.84	9.38
Modulus of Rupture (Min.)	N/mm²	22	20	25.82	24.12
Modulus of Elasticity (Min.)	N/mm²	2500	2200	2725	2587
Internal Bond Strength (Min.)	N/mm²	0.60	0.55	0.96	0.81
Screw Withdrawal Strength	N	Face: 1250 Edge (≥12 mm): 700	Face: 1250 Edge (≥12 mm): 700	Face: 2388 Edge: 1322	Face: 2348 Edge: 1622
Formaldehyde Content (Fc)	mg/100g	8.0 < E2 ≤ 30.0	8.0 < E2 ≤ 30.0	14.15	17.22

Property	Result
Surface Spread of Flame as per BS 476: Part 7:1997	Conforming to Class 1

*Our test results are significantly superior to the BIS prescribed values.





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

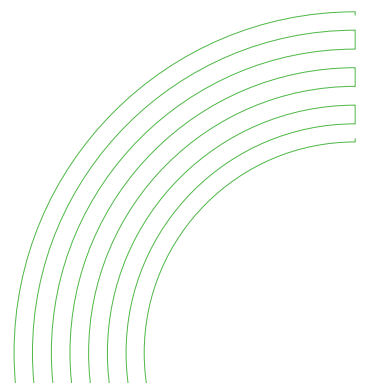
Low Formaldehyde emission and higher density as per International standards that makes it a safe and environment friendly wood panel for all spaces and applications.

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 prescribed values.



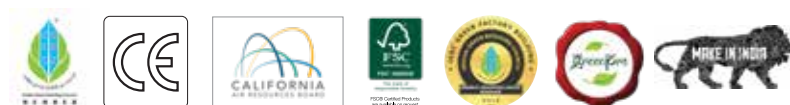


Dimension Tolerance

(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 (F) is $\leq 4.0 \text{ mg/100gm}$ for oven dry board



Emission Class

As per Carb-P2

Standards

Adheres to Indian Standards 12406:2025

Color

Brown/Natural Wood

Certificates

ISO 9001: 2015, ISO 45001: 2018, FSC®, CARB, 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



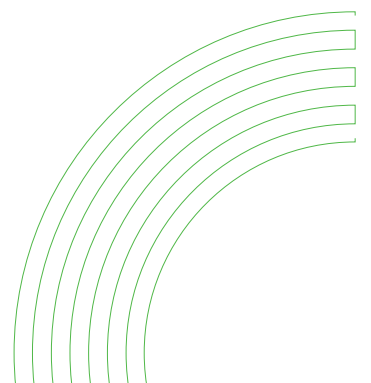


Greenpanel Pre-Laminated MDF

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



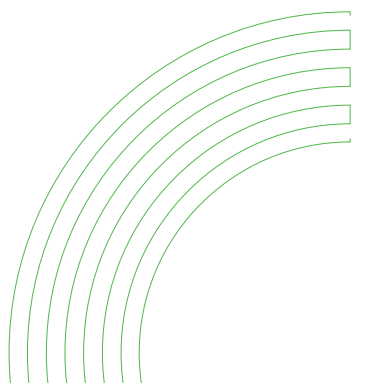
Classic Range

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 all variants available. 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 Colors
- Artistry Curve





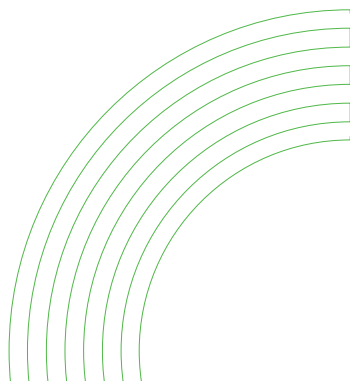
Exquisite Range

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:

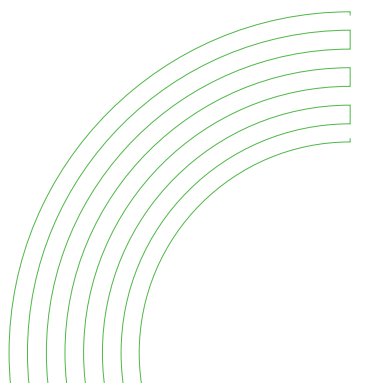
- Art's Stroke
- Heritage Wood Grains
- Fabrics
- Color Emotion





Art's Stroke

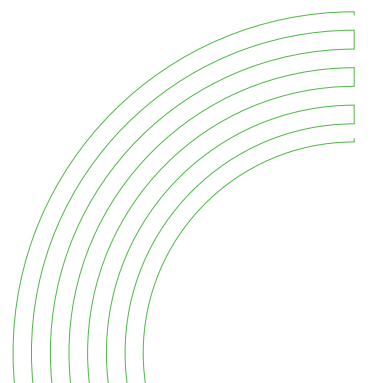
Greenpanel's exquisite range of vivid solid coloured Pre-Laminated MDF is selected carefully to add happiness and brightness to your interiors. Accentuating your desire for a tastefully crafted bright space, that brings a smile to your face.





Wood Grains

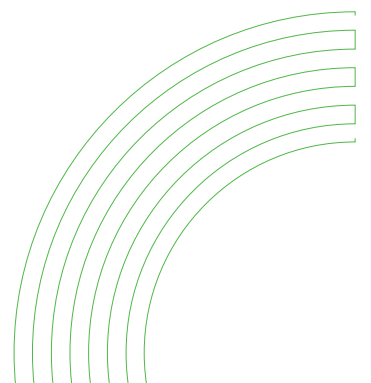
Experience the embrace of nature through Greenpanel's Pre-Laminated MDF collection, featuring an array of wood grain patterns. Elevate your interiors with a touch of luxury, class, and elegance, leaving a lasting impression.





Fabrics

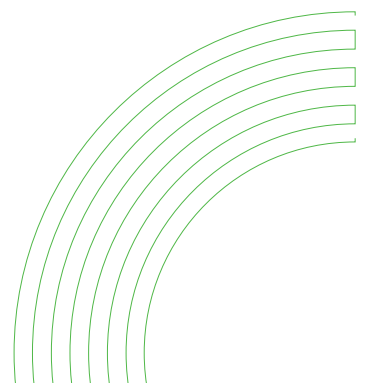
These timeless Pre-Laminated MDF designs draw inspiration from fabric patterns, gracing your living spaces with enduring impressions of style.





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 PRELAM INTERIOR GRADE Prelaminated MDF Board							
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, E2 – 8 < Fc ≤ 30					

GREENPANEL PRELAM EXTERIOR GRADE Prelaminated MDF Board							
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 PRELAM HDWR Prelaminated MDF Board						
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	30	17	15	12	10
Internal Bond Strength	N/mm ² , Min	0.65	0.65	0.60	0.55	0.55
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	23	23	22	20	18
b) Individual		20.5	20.5	19.5	18	16
Modulus of Elasticity						
a) Average	N/mm ² , Min	2700	2700	2500	2200	2100
b) Individual		2400	2400	2250	1950	1900
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

No blister, delamination or change in surface finish

Resistance to crack

No sign of crack or delamination

Resistance to a cigarette burn

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

Resistance to stain

No stain on the specimen after cleaning with solvent or detergent

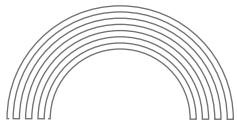
General Tolerances

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 prelaminate categories: Interior, Exterior, and HDWR.

Certificates

ISO 9001: 2015, ISO 45001: 2018, FSC® , CARB, 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

Ghaziabad

D-14, 1st Floor, Patel Nagar-
2nd, Ghaziabad – 201001,
Uttar Pradesh, India

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.,
Gopalan Mall Sirsi Circle,
2nd Floor, 148/2, Ward No.
136 - Jagajeevanram
Nagar, Old PID No.
43-1-148/2, Mysore Road,
Bengaluru, Karnataka, -
560026

West Zone

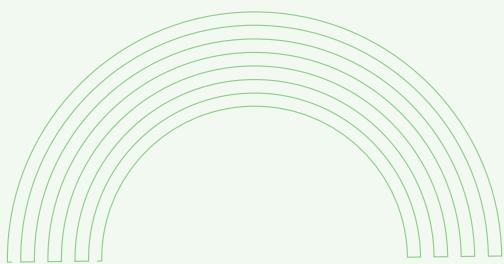
• Mumbai

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

• Kochi

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





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