



GREENPANEL®

INDIA'S LARGEST
WOOD PANEL MANUFACTURER



Interior MDF
Exterior MDF
Club HDF



Contents

1	About Greenpanel Industries Ltd. The largest manufacturer of wood panel in India.
2	Brand Journey Greenpanel expansion and growth.
3	Why Greenpanel MDF? Excellence. Innovation. Sustainability.
7	Our Range of MDF Available in multiple grades, sizes & thicknesses that conform to International Standard.



7-14	Interior Grade MDF
15-21	Exterior Grade MDF
22-28	Club HDF

About Greenpanel Industries Ltd.



Greenpanel is India's largest manufacturer of wood panels.

We are a group of individuals who see a wood panel not for what it is, but for what it can be. As a result, we've grown to represent the infinite possibilities in wood panelling.

Medium-Density Fibreboard (MDF) is our flagship product and, as pioneers of the Continuous Press Line method, we are the undisputed leaders and innovators of this category. Our state-of-the-art plants in Uttarakhand and Andhra Pradesh, with an annual combined capacity of more than 500,000 cubic metres, produce world-class MDF, Plywood, Veneers, Flooring and Doors.

India's Largest Wood Panel Manufacturer

Over the years, our culture of innovation and sustainability has permeated into every sphere of our being. Greenpanel MDF is made with 100% renewable agroforestry wood. We are committed to create MDF culture in India.





Brand Journey

2010

Commercial production commences at our new MDF plant in Uttarakhand

2018

Greenpanel Industries Ltd. is launched. We start to produce a wide array of products at Asia's largest MDF plant in Andhra Pradesh.

2019

The company is listed in the National Stock Exchange (NSE) and Bombay Stock Exchange (BSE)

2014

Green Floormax Wood Floors (now known as Greenpanel Flooring) is launched

2015

Commencement of export

2016

Contracts for our new MDF plant in Andhra Pradesh are signed

2022

Greenpanel is now a USD 1 Billion company in terms of market capitalization



The Big Differentiator Why Greenpanel MDF?

Excellence. Innovation. Sustainability.

Greenpanel is committed to provide high performance wood panel products that not only adhere to the 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.
- We encourage agroforestry among farmers by giving them our saplings and in the process, generate a source of livelihood for them.



- Our manufacturing plants operate on zero waste system. All wood scraps are used for fuelling the power plant and the water treatment plant helps in having clean water.
- Our production process doesn't harm the environment.

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 having 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:

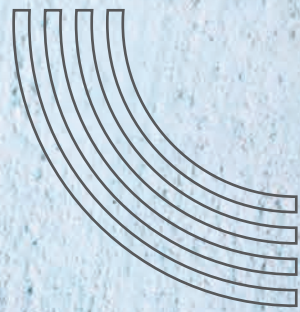
Interior Grade MDF | Exterior Grade MDF
Club HDF | E1/E0.5/CARB P2 MDF
Pre-laminated MDF



GREENPANEL®

Interior

GRADE MDF







Greenpanel Interior Grade MDF

Pocket friendly & versatile

Interior Grade is Greenpanel's finest regular density MDF board, and it's easy to see why. Thanks to its homogenous fine texture, high bonding strength, inherent stability and easy machinability, it can be used in an endless array of designs in residential and commercial interiors.

From cupboards, wardrobes, wall panel, table top, toys, trophies, handicrafts, Greenpanel Industrial Grade MDF is a product that literally has limitless applications. It is recommended for interior use only and should not be exposed to dampness or high humidity.

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

-  A surface as smooth as a feather gliding through the air.
-  Easy machinability. Carve it, rout it, do what you please with it.
-  Resists moisture but absorbs elegance.
-  Keeps the pests at bay. It's borer proof, virus, fungus and termite resistant.





Wide Range

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

Size (millimeters)*

- MDF Size: 1830 mm x 1220 mm, 2440 mm x 1220 mm and 2440 mm x 1830 mm
- Special Size: 1830 mm x 0915 mm, 1830 mm x 1525 mm and 2135 mm x 0915 mm
- Pre-laminated MDF Size: 2440 mm x 1220 mm

Thickness (millimeters)*

- 2.1 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 and 25 mm

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



Characteristics

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

Recommended Applications

Light furniture, packaging, interior design, dry area partition, false ceilings, dry cabinets, handicrafts, toys, wardrobe etc.



Standards

Adheres to BIS
Standards IS 12406

Emission Class

CARB, E1 & E2

Colour

Natural Wood



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)

Technical Specifications

(As per BIS Standard IS 12406)

PROPERTIES	UNIT	GREENPANEL INTERIOR GRADE MDF BOARD RESULTS (AS PER THICKNESSES)						
Thickness	mm	≤2.5	>2.5 to 4	>4 to 6	>6 to 9	>9 to 12	>12 to 19	>19 to 30
Density	kg/m³	770-780	750-760	740-760	740-750	720-730	700-720	690-700
Moisture content	%	5-10	5-10	5-10	5-10	5-10	5-10	5-10
Thickness swelling (24 hrs)	% Max	45	35	30	17	15	12	10
Modulus of Rupture (Min)	N/mm²	23	23	23	23	22	20	18
Modulus of Elasticity (Min)	N/mm²	2800	2800	2700	2700	2500	2200	2100
Internal Bond Strength (Min)	N/mm²	0.65	0.65	0.65	0.65	0.60	0.55	0.55
Screw Withdrawal Strength (Min)								
Face	N	1250	1250	1250	1250	1250	1250	1250
Edge	N	NA	NA	NA	NA	NA	700	700
Formaldehyde content (FC),	mg/100 gm for oven dry board	E2 - 8 < FC ≤ 30						

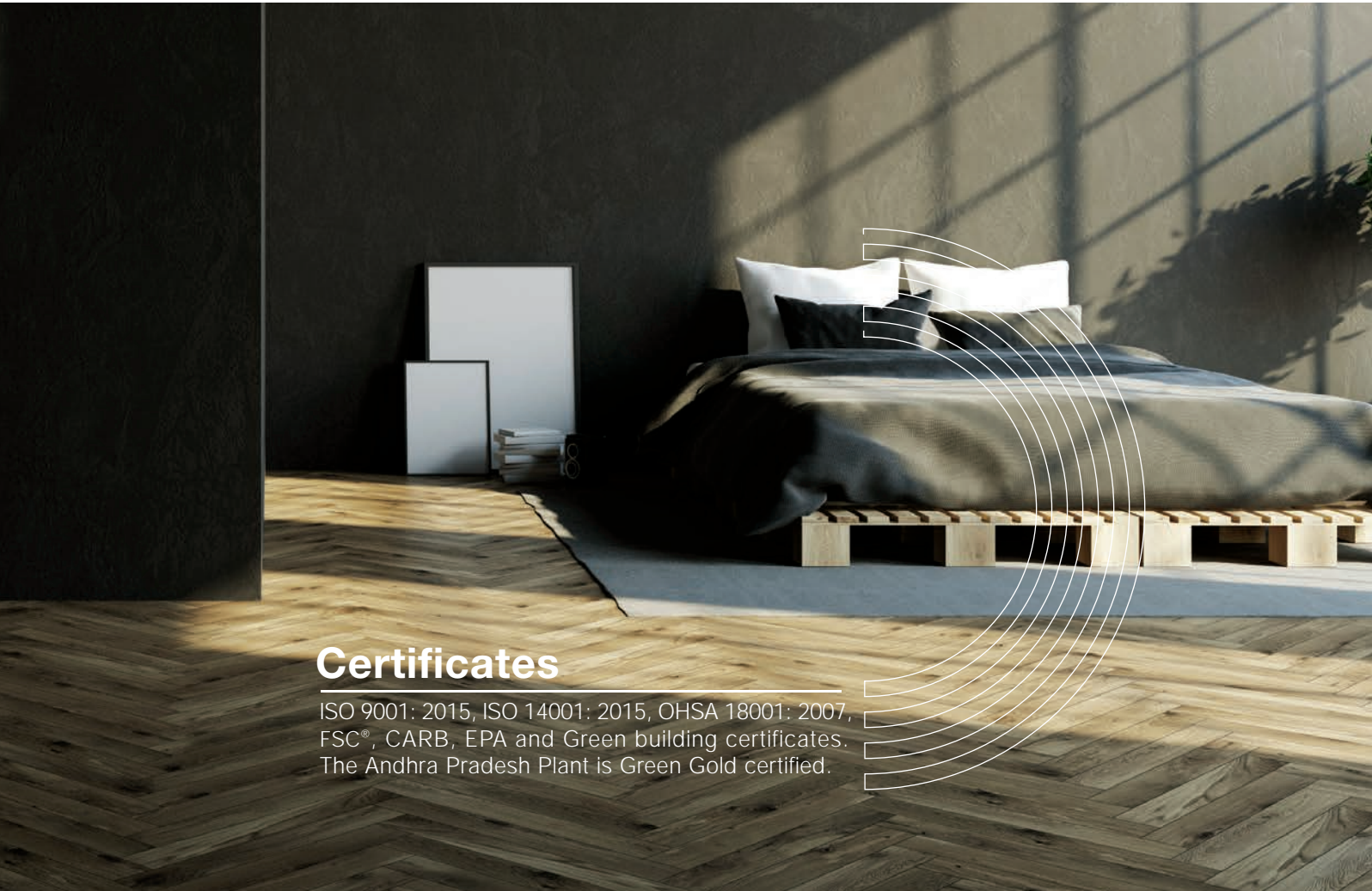


Dimension Tolerance

(Applicable to all thickness levels)

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

Greenpanel Interior Grade MDF is also available in the E1 grade
Formaldehyde Content (FC) is ≤ 8.0 mg/100gm for an oven-dry board.



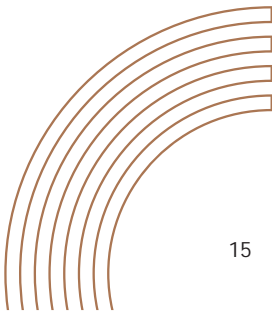
Certificates
ISO 9001: 2015, ISO 14001: 2015, OHSAS 18001: 2007,
FSC®, CARB, EPA and Green building certificates.
The Andhra Pradesh Plant is Green Gold certified.





exterior

GRADE MDF



Greenpanel Exterior Grade MDF

Strong inside-out

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, Greenpanel Exterior Grade MDF can be used for a wide range of exterior applications as it is water resistant. Thanks to the high-quality melamine resin utilised there is strong internal bonding between fibres which leads to dimensional stability and prevents it from swelling, even where there is high moisture content. In addition it is also virus, fungus, termite resistant and borer proof.

Wide Range

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



Size (millimeters)*

- MDF Size: 1830 mm x 1220 mm, 2440 mm x 1220 mm and 2440 mm x 1830 mm
- Special Size: 1830 mm x 0915 mm, 1830 mm x 1525 mm and 2135 mm x 0915 mm
- Pre-laminated MDF Size: 2440 mm x 1220 mm

Thickness (millimeters)*

- 3.3 mm, 5.5 mm, 7.5 mm, 11 mm, 16.5 mm, 17 mm and 25 mm
- *Size & thicknesses can be customized as per the MOQ and discretion of Greenpanel.





8 Reasons to buy Exterior Grade MDF

- 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.
- Manufactured from selected hardwood timber
- Fungus, termite 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, moulded and bored with woodworking equipment and tools

Characteristics

Greenpanel Exterior Grade 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 makes it suitable for painting and provides a uniform substrate for overlaying. Due to its homogenous structure, Exterior Grade MDF boards can be milled in 3D and then painted.

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

Technical Specifications

(As per BIS standard IS 12406)

PROPERTIES	UNIT	GREENPANEL EXTERIOR GRADE MDF BOARD RESULTS (AS PER THICKNESSES)					
Thickness	mm	>2.5 to 4	>4 to 6	>6 to 9	>9 to 12	>12 to 19	>19 to 30
Density	kg/m³	760-770	740-750	740-750	720-730	710-720	690-700
Moisture content	%	5-10	5-10	5-10	5-10	5-10	5-10
Thickness swelling (24 hrs)	% Max	30	18	12	10	8	7
Modulus of Rupture (Min)	N/mm²	27	27	27	26	24	22
Modulus of Elasticity (Min)	N/mm²	2800	2700	2700	2500	2400	2300
Internal Bond Strength (Min)	N/mm²	0.7	0.7	0.7	0.65	0.65	0.60
Internal Bond Strength (Min)							
After Cyclic Test	N/mm²	0.35	0.35	0.3	0.25	0.2	0.15
OR							
After Accelerated Water Resistance Test	N/mm²	0.2	0.2	0.15	0.15	0.12	0.12
Screw Withdrawal Strength (Min)							
Face	N	1250	1250	1250	1250	1250	1250
Edge	N	NA	NA	NA	NA	850	850
Formaldehyde content (FC)	mg/100 gm for oven dry board	E2 - 8 < FC ≤ 30					



Dimensional Tolerance

(Applicable to all thickness levels)

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

Emission Class

CARB, E1 & E2
Formaldehyde Content (FC)
is ≤ 8.0 mg/100gm
for an oven-dry board for E1

Standards

Adheres to BIS
Standards 12406

Colour

Pink

Greenpanel Exterior 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)

Certificates

ISO 9001: 2015, ISO 14001: 2015, OHSA 18001: 2007, FSC®, CARB, EPA and Green building certificates. The Andhra Pradesh Plant is Green Gold certified.





GREENPANEL®



Club HDF

Greenpanel Club HDF

Resistant to water & fungus. Irresistible application.

Greenpanel Club HDF board is a new class of wood-based panel product and a perfect substitute for plywood. The high-performance board has excellent water resistance, high density, durable and exceptional dimensional stability. That's not all, these boards are resistant to virus, fungus, termites and borer proof. Club HDF is best suited for a wide range of applications such as paneling, furniture, construction, commercial spaces interiors, wet area application etc.



11 Reasons to buy Club HDF

- 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
- Virus, fungus & termite resistance 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, moulded, bored with wood working 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.
- 5 years Warranty*



*Terms & Conditions Apply



Wide Range

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

Size (millimeters)*

- MDF Size: 1830 mm x 1220 mm, 2440 mm x 1220 mm and 2440 mm x 1830 mm

Thickness (millimeters)*

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

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



Characteristics

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

Recommended Applications

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

Emission Class

CARB, E1 & E2

Standards

Adheres to BIS
Standards 12406

Colour

Green

Technical Specifications

(As per BIS Standard IS 12406)

PROPERTIES	UNIT	GREENPANEL CLUB HDF BOARD RESULTS (AS PER THICKNESSES)				
Thickness	mm	>2.5 to 4	>4 to 6	>6 to 9	>9 to 12	>12 to 19
Density	kg/m³	840-850	840-850	840-850	840-850	815-825
Moisture content	%	5-10	5-10	5-10	5-10	5-10
Thickness swelling (24 hrs)	% Max	15	14	12	10	8
Modulus of Rupture (Min)	N/mm²	45	45	45	45	40
Modulus of Elasticity (Min)	N/mm²	4000	4000	4000	4000	3500
Internal Bond Strength (Min)	N/mm²	1.2	1.2	1.2	1.2	1.2
Internal Bond Strength (Min)						
After Cyclic Test	N/mm²	0.35	0.35	0.3	0.25	0.2
OR						
After Accelerated Water Resistance Test	N/mm²	0.2	0.2	0.15	0.15	0.12
Screw Withdrawal strength (Min)						
Face	N	3000	3000	3000	3000	3000
Edge	N	NA	NA	NA	NA	2000
Formaldehyde content (FC)	mg/100 gm for oven dry board	E2 - 8 < FC ≤ 30				

Greenpanel Club HDF is also available in E1 grade where the Formaldehyde Content (FC) is ≤ 8.0 mg/100gm for oven dry board.



General Tolerance

(Applicable to all thickness levels)

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

Greenpanel Club HDF 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)



Certificates

ISO 9001:2015, ISO 14001:2015, OHSAS 18001: 2007, FSC®, CARB, EPA and Green building certificates. The Andhra Pradesh Plant is Green Gold certified.



Versatile MDF

- MDF boards provide good results in the most demanding types of machine work
- They are easy to route, paint, polish and finish
- Easy to achieve intricate and clean cut lattice patterns, high quality laser engraving
- Laminates and veneers fit seamlessly



Our Network

North Zone

Ahmedabad
Block A-301, Privilon,
Opp. Iscon Temple,
BRTS Bus Stop,
Iscon Cross Road,
S.G. Highway,
Ahmedabad 380015
Gujarat
M : 9723554173

Chandigarh
SCF-No-57,
2nd Floor, Sector-6,
Panchkula 134110
Haryana
M : 9815202790

Delhi / NCR
2 / 42, W.H.S Kirti Nagar,
Opp. DSIDC Complex,
New Delhi 110015
M : 8800117079

Ghaziabad
D-14, 1st Floor,
Patel Nagar 2nd,
Ghaziabad 201001
Uttar Pradesh
M : 8756666576

Jaipur
203-204, 2nd Floor,
Krishna Enclave,
Plot No. SB-52,
Bapu Nagar,
Main Tonk Road,
Jaipur 302015
Rajasthan
M : 7073511113

Lucknow
B-50, 1st Floor,
Vibhuti Khand,
Gomti Nagar,
Lucknow 226010
Uttar Pradesh
M : 9005051226

West Zone

Indore
E-87, Anurag Nagar,
LIG Link Road,
Indore 452001
Madhya Pradesh
M : 9667328989

Mumbai
1st floor, Plot No. 23,
Raghuvanshi Mills Estate in Gate
Senapati Bapat Marg,
Lower Parel, Mumbai 400013
Maharashtra
M : 9310402788

Pune
301 / 302, Gera Sterling,
Sr. No. 479/480, North Main
Road, Koregaon Park,
Pune 411001
Maharashtra
M : 9730075977

East Zone

Guwahati
H. No. 1, Debadaru Path,
Dispur, Guwahati 781006
Assam
M : 8011052265

Kolkata
Thapar House, 2nd Floor, 163,
S.P. Mukherjee Road,
Kolkata 700026
West Bengal
M : 9773896973

South Zone

Bengaluru
Jain Heights, B6, 6th Floor,
No. 2, Solus, 1st Cross,
JC Road, Bengaluru 560027
Karnataka
M : 8178801677

Chennai
No. 12, Wellindon Estate,
2nd Floor, Ethiraj Salai,
Egmore, Chennai 600105
Tamil Nadu
M : 7827234388

Coimbatore
36/2, N.S.R. Road, 2nd Floor,
Saibaba Colony, Coimbatore,
Tamil Nadu
M : 9500058329

Hyderabad
Ashoka Bhopal Chambers,
Unit 101, H No. 1-8 271-273,
1st Floor, Sardar Patel Road,
Secunderabad 500003
Telangana
M : 8700276979

Vijayawada
D. No 1-142, Besides FCI
Colony, Inner Ring Road,
Ambapuram, Vikayawada,
Andhra Pradesh
M : 9177752614

Kochi
44/246 A, Ashok Road,
Kaloor, Kochi 682017
Kerala
M : 9746471042





Greenpanel Industries Limited:
3rd Floor, Plot No. 68, Sector 44, Gurugram 122003, Haryana.
T +91-124-4784600 | F +91-124-4784699
Regd. Office: Makum Road, Tinsukia 786125, Assam.
CIN L20100AS2017PLC018272

www.greenpanel.com
Toll Free No.1800-102-2999
E info@greenpanel.com

Connect with us



Scan the QR Code



to view the website

