



LIMITLESS POSSIBILITIES THAT LAST LONGER

Plywood | Blockboards | Flush Doors



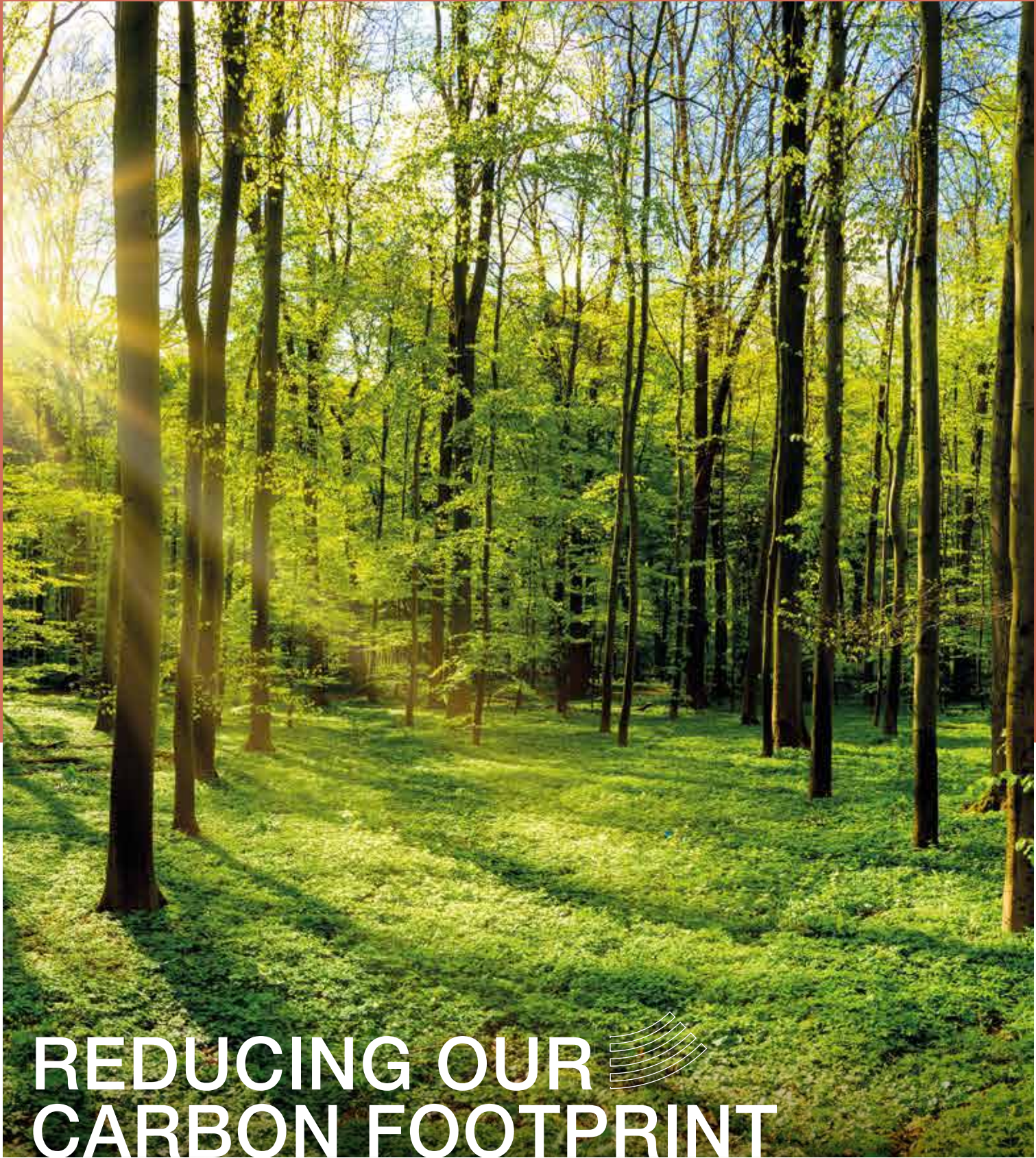
DREAMLIKE HOMES

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 6,66,000 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.

CONTENT



1-2	INTRODUCTION
3	OUR RICH LEGACY
4	PATENTED QUADRA PRO TECHNOLOGY
5-6	CLUB PLYWOOD
7-8	FIREX PLYWOOD
9-10	GOLD PLYWOOD
11-12	BWP PLYWOOD
13-14	MR PLYWOOD
15-16	GPRO 710 PLYWOOD
17-18	GPRO MR PLYWOOD
19	BLOCKBOARDS
20-21	BWP BLOCKBOARD
22-23	MR BLOCKBOARD
24-25	FLUSH DOORS
26-31	TECHNICAL SPECIFICATIONS



REDUCING OUR CARBON FOOTPRINT

At Greenpanel, sustainability is at the heart of everything we do. We are committed to adopting eco-friendly practices across all operations to reduce our carbon footprint and minimize carbon emissions. Understanding the value of our planet's resources, we source timber from our agroforestry plantations instead of natural forests, supporting renewable practices. In addition, the chain of custody while procuring raw material is strictly monitored so that each product that we offer can be marked with an eco-friendly label. By prioritizing sustainability, we strive to build a greener future for generations to come.



STATE-OF-THE-ART MANUFACTURING FACILITY

Greenpanel is India's largest manufacturer of wood panels with an annual plywood production capacity of 10.5 million sq.m. 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. Our state-of-the-art plants in Uttarakhand and Andhra Pradesh, produce world-class MDF, Plywood, Wooden Flooring, and Doors.

OUR RICH LEGACY



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.

2018

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

2019

Listed on NSE and BSE as a separate company.

2022

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

2023

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

2024

In FY24, Greenpanel achieved key milestones, including progress on the MDF 2.1 plant in Andhra Pradesh, disinvestment of our Singapore subsidiary, and relocation to a state-of-the-art office at DLF Downtown, Gurugram. We also extended our partnership with IPL's Delhi Capitals for 2024 and received the GreenPro Certification from CII.

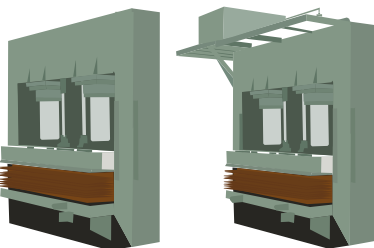


Greenpanel takes pride pioneering the revolutionary, patented Quadra Pro Technology, a 4-stage, multi-step manufacturing process, that ensures no blisters, delamination, or warping, delivering perfect plywood with consistent thickness and a defect-free surface.

VACUUM PRESSURE TREATMENT TECHNOLOGY



This ensures plywood durability and functionality in various applications. Treatment with eco-friendly preservatives provides protection against fungal decay, wood-boring insects, termites, and other biological agents, extending the lifespan of the plywood.

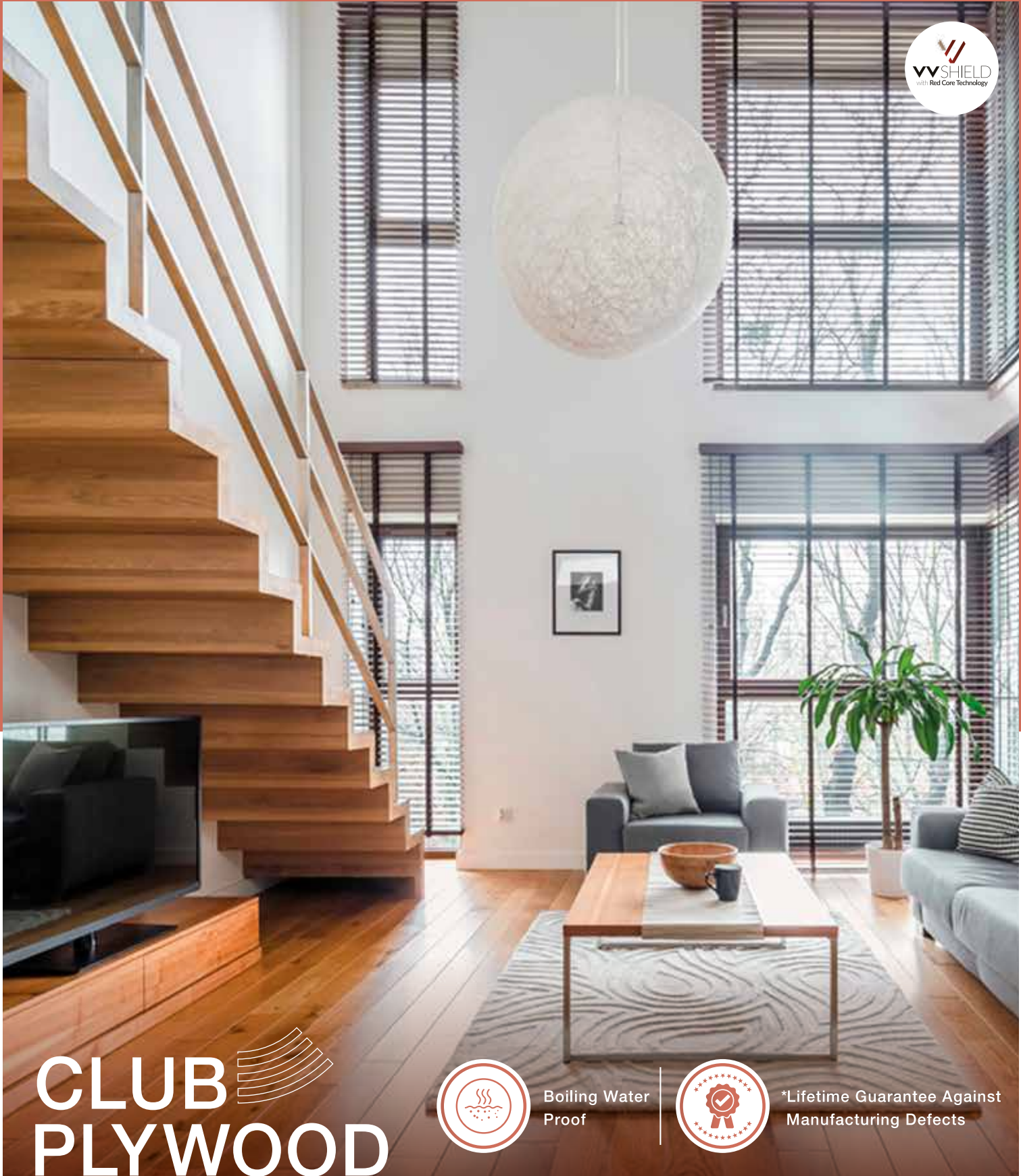


**Best Quality &
Error Free**



**100% Calibrated
& Uniform thickness**

- Log Selection
- Peeling into Veneer
- Tenderising
- Vacuum Pressure Treatment
- Veneer Drying
- Veneer Conditioning
- Core Sorting
- Veneer Composing
- Glueing of Composed Core
- Matt Assembly
- Pre Pressing
- Hot Pressing
- Rough Cutting
- Matt Calibration
- Surface Preparation
- Face Veneer Overlaying
- Pre-Pressing
- Hot Pressing
- Plywood Conditioning
- Trimming to Final Size
- Sanding
- Side Edge Finishing
- Preservative Dipping Treatment
- Buffing
- Grading and Quality Checking
- Branding and Printing
- Dispatch of Finished Goods



CLUB PLYWOOD

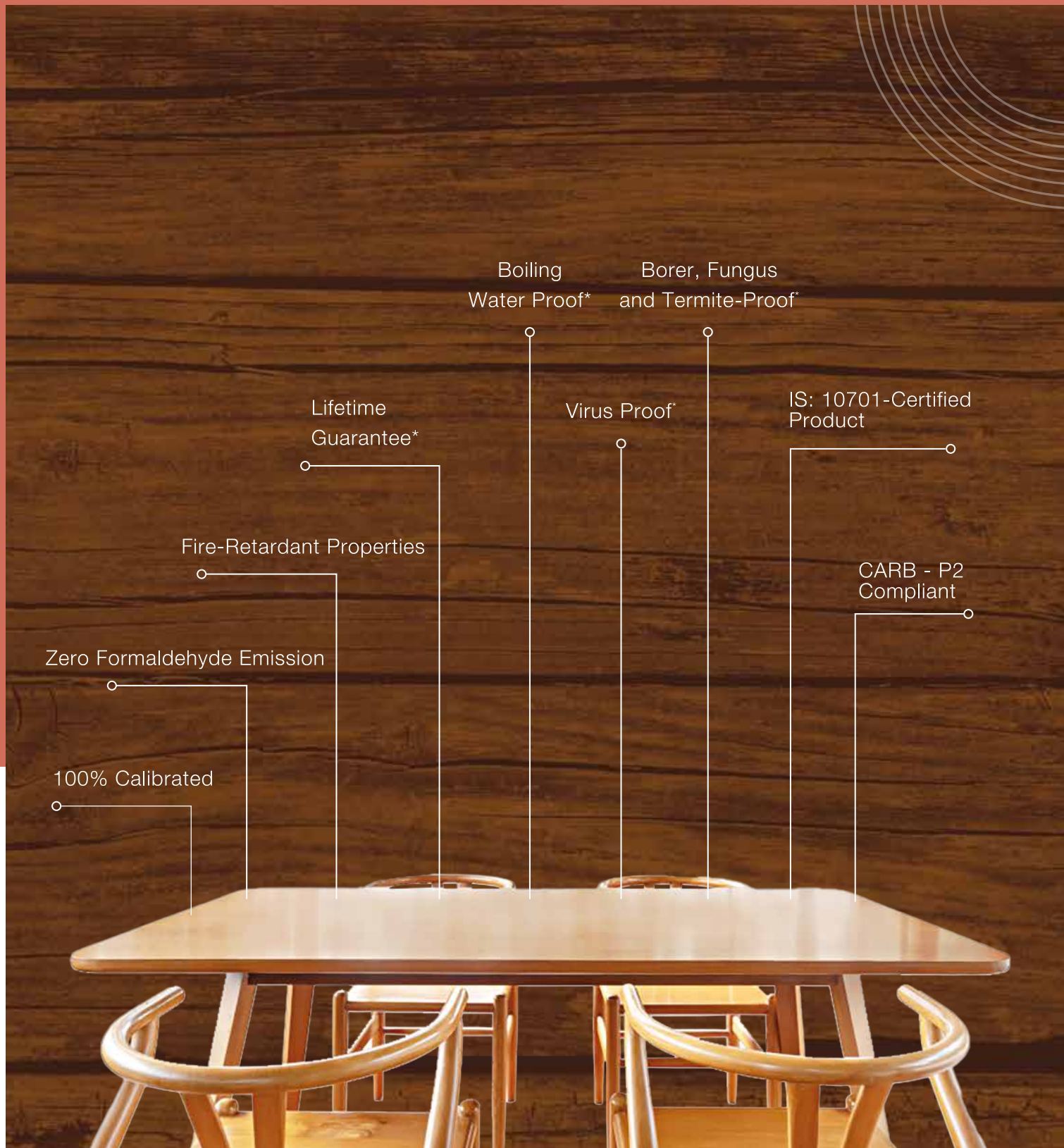


Boiling Water
Proof



*Lifetime Guarantee Against
Manufacturing Defects

Greenpanel Club Plywood is a premium, boiling waterproof-grade plywood from India's largest wood panel manufacturer. It conforms to IS:10701 standards and is made from vacuum pressure-treated raw material, offering strength, and durability, and protection against fungal growth, decay, wood borers, and termites. Its high density, good bending strength, and impact resistance ensure a superior surface finish. With zero formaldehyde emissions, it is perfectly safe for indoor use, safeguarding the health of occupants. This virus-proof plywood comes with a lifelong guarantee, offering you peace of mind.



APPLICATION

- Ideal for high-traffic areas.
- Suitable for a wide range of applications, including both indoor and outdoor furniture.
- Excels in interior design and is applicable to both domestic and commercial buildings.
- Quality and durability make it perfect for cabinets and shelving.
- An excellent choice for marine applications, such as boat and yacht construction.
- Well-suited for furniture in bungalows, penthouses, multistory flats, premium offices, and the hospitality sector.



FIREX PLYWOOD



Boiling Water
Proof



30-Year Guarantee* Against
Manufacturing Defects

Introducing Firex Plywood, the ultimate fire-retardant solution for construction. Designed to slow the spread of flames, Firex protects lives and property while meeting stringent safety standards. Made from premium wood veneers, it is durable, dimensionally stable, and eco-friendly. With a 30-year guarantee, Firex ensures long-lasting reliability for both residential and commercial projects, including high-rise buildings and public spaces. Available in various sizes, it meets fire safety regulations, offering peace of mind and enhanced fire protection for any project-combining safety and longevity in one premium product.



APPLICATION

- Engineered specifically for enhanced safety and reliable performance.
- Suitable for a wide range of uses, from outdoor furniture, shipbuilding, and marine uses to office woodwork, partitions, paneling, and cooling towers.
- Designed to provide exceptional strength and longevity.
- Offers superior fire retardance for enhanced safety.



GOLD PLYWOOD



Boiling Water
Proof



30-Year Guarantee* Against
Manufacturing Defects

Greenpanel Gold Plywood is the new gold standard in the plywood category that sets the highest benchmarks and comes with a 30-year guarantee. It is fully boiling waterproof grade premium plywood and specifically designed for applications subject to permanent exposure to the weather or moisture. With proven performance, durability, and excellent dimensional stability, it is a premium marine-grade plywood. It can withstand continuous frequent shifts between dry and wet conditions, making it best suited for applications demanding high strength and rigidity.



APPLICATION

- Outdoor furniture
- Shipbuilding and other marine applications
- Areas exposed to moisture, both inside and outside
- Office woodwork
- Partitions and paneling
- Cooling tower applications
- Furniture and kitchen cabinet



BWP PLYWOOD



Boiling
Water Proof



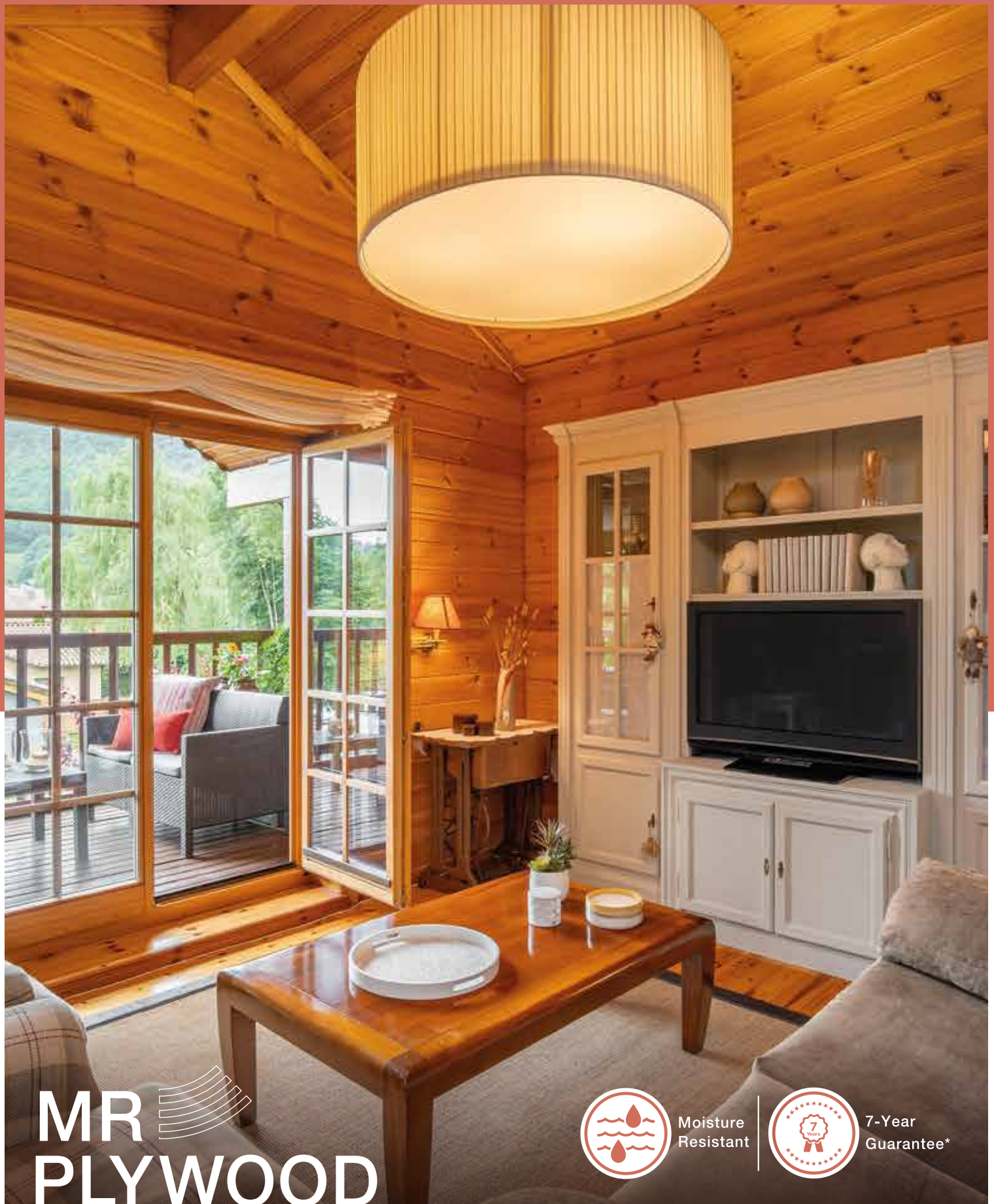
25-Year Guarantee*
Against Manufacturing
Defects

Greenpanel Boiling Water Proof (BWP) is a premium, waterproof product designed for durability in all weather conditions, backed by a 25-year guarantee". Made from specially selected hardwood timber, it is strong, stiff, and resistant to delamination, swelling, and warping. Conforming to IS:710 specifications, the plywood's layers undergo a glue line treatment (GLT) process for protection against termites, borers, fungi, and viruses.



APPLICATION

- Outdoor furniture
- Shipbuilding and other marine applications
- Areas exposed to moisture, both inside and outside
- Interior design and fittings
- Woodwork and joinery
- Furniture and kitchen cabinet



MR
PLYWOOD



Moisture
Resistant



7-Year
Guarantee*

Greenpanel Moisture Resistant (MR) plywood offers superior moisture resistance, making it strong and durable against weather fluctuations. Borer-proof and resistant to fungus and termites, this high-quality, interior-grade plywood delivers excellent strength and surface finish, making it ideal for interior use and furniture manufacturing.

Moisture-Resistant ○

Borer, Fungus ○
and Termite-Proof

100% ○
Calibrated

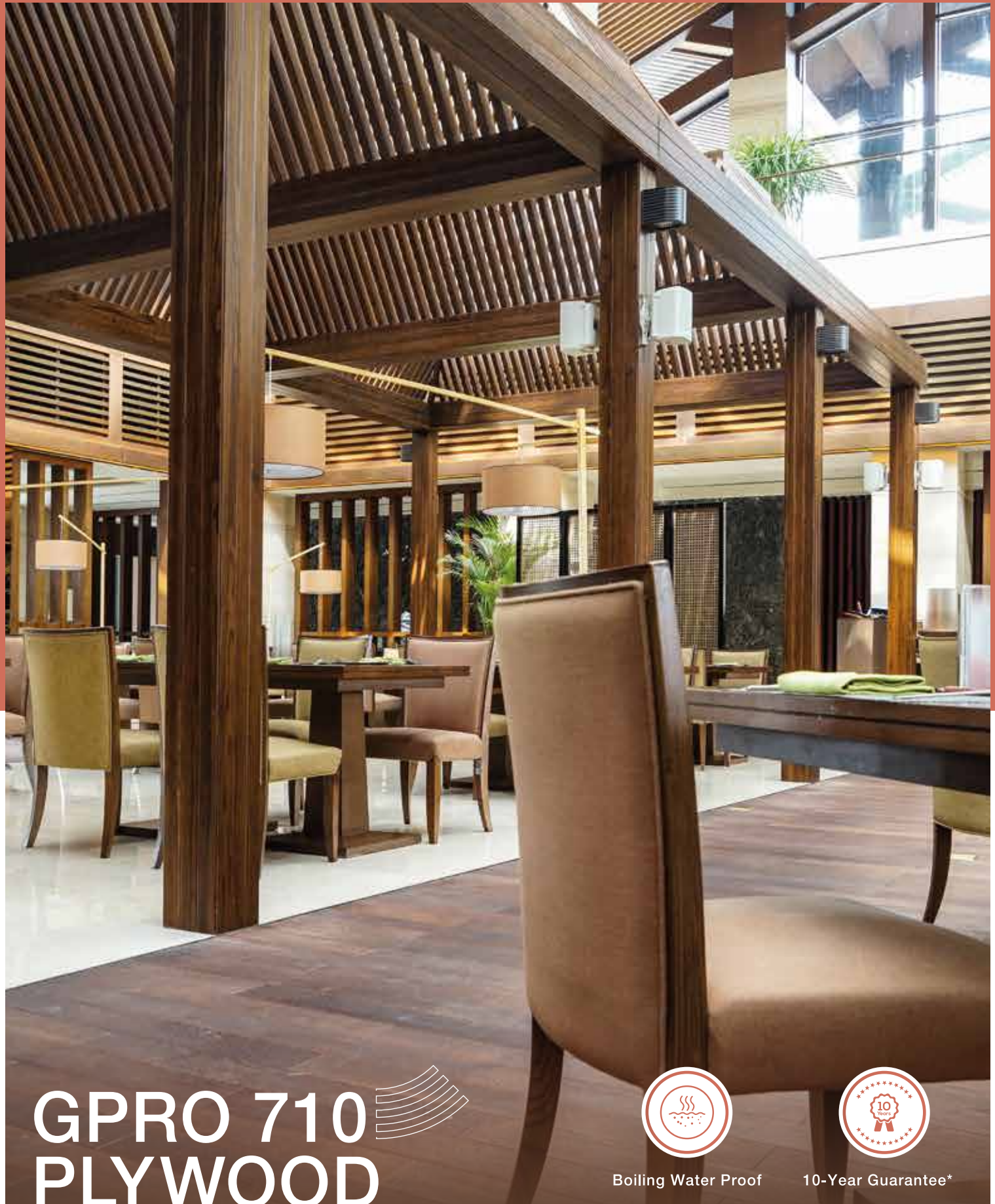
IS: 303-Certified ○
Product

7 Year ○
Guarantee*



APPLICATION

- Best for partitions, paneling, door panels, cabins, and false ceilings.
- Other applications include furniture parts, lamps, interiors, toys, souvenirs, musical instruments, speakers, interior designs, and other product fabrication.
- High-end packaging



GPRO 710 PLYWOOD



Boiling Water Proof



10-Year Guarantee*

GPRO 710 is a high-quality, versatile plywood known for its superior craftsmanship and sustainability. Made from carefully selected timber and bonded with premium resin, it delivers a superior surface finish and can withstand boiling water, dry heat, pests, and extreme weather. It adds value to and is ideal for interiors and exteriors in homes, offices, and large installations.



APPLICATION

- Joinery, furniture, furniture fitments, interior design, domestic, and commercial buildings
- Modular kitchen, cabinets, and shelving
- Vehicle flooring and laminate industry
- High-end packaging



GPRO MR PLYWOOD



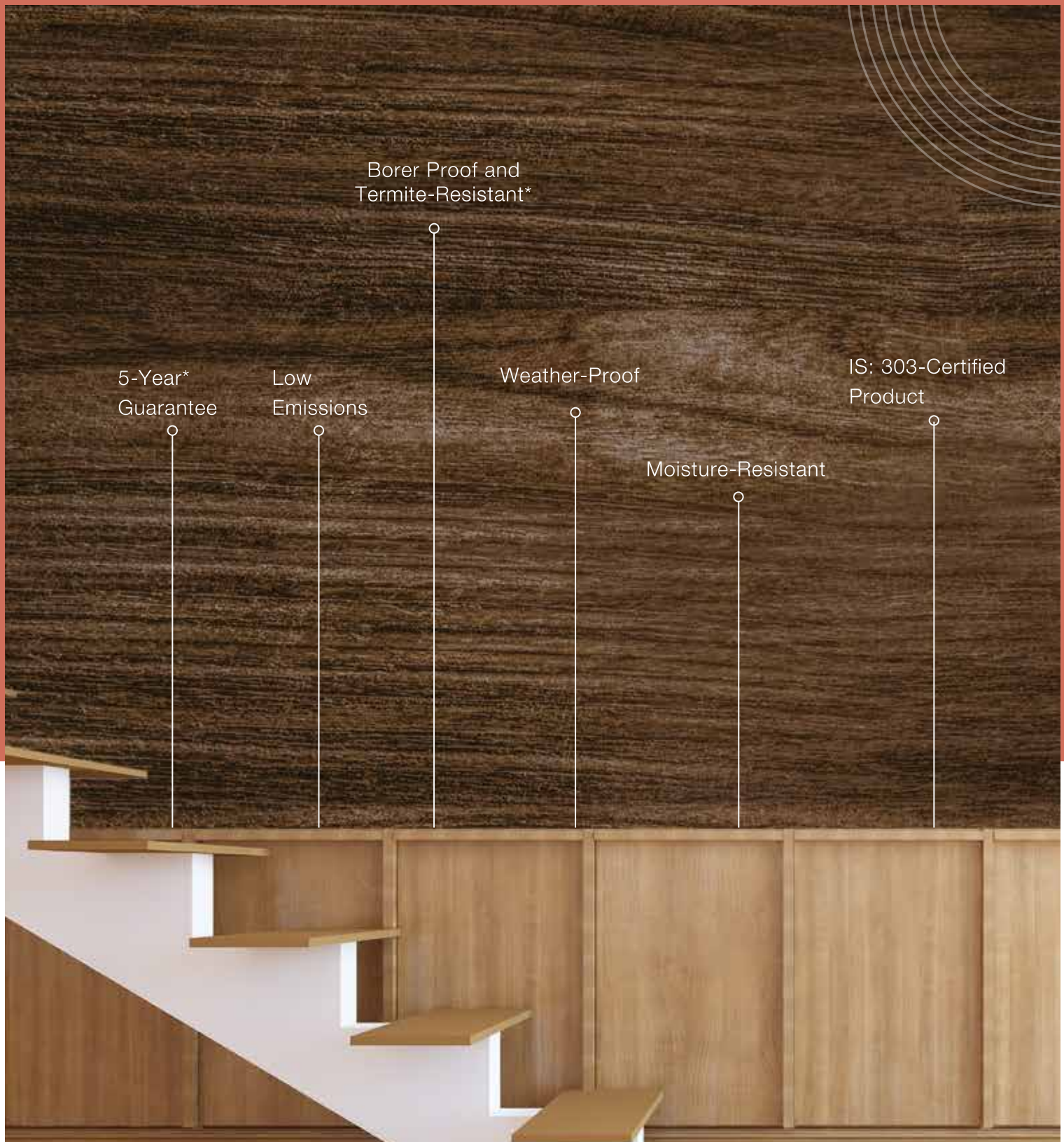
Moisture
Resistant



5-Year
Guarantee*

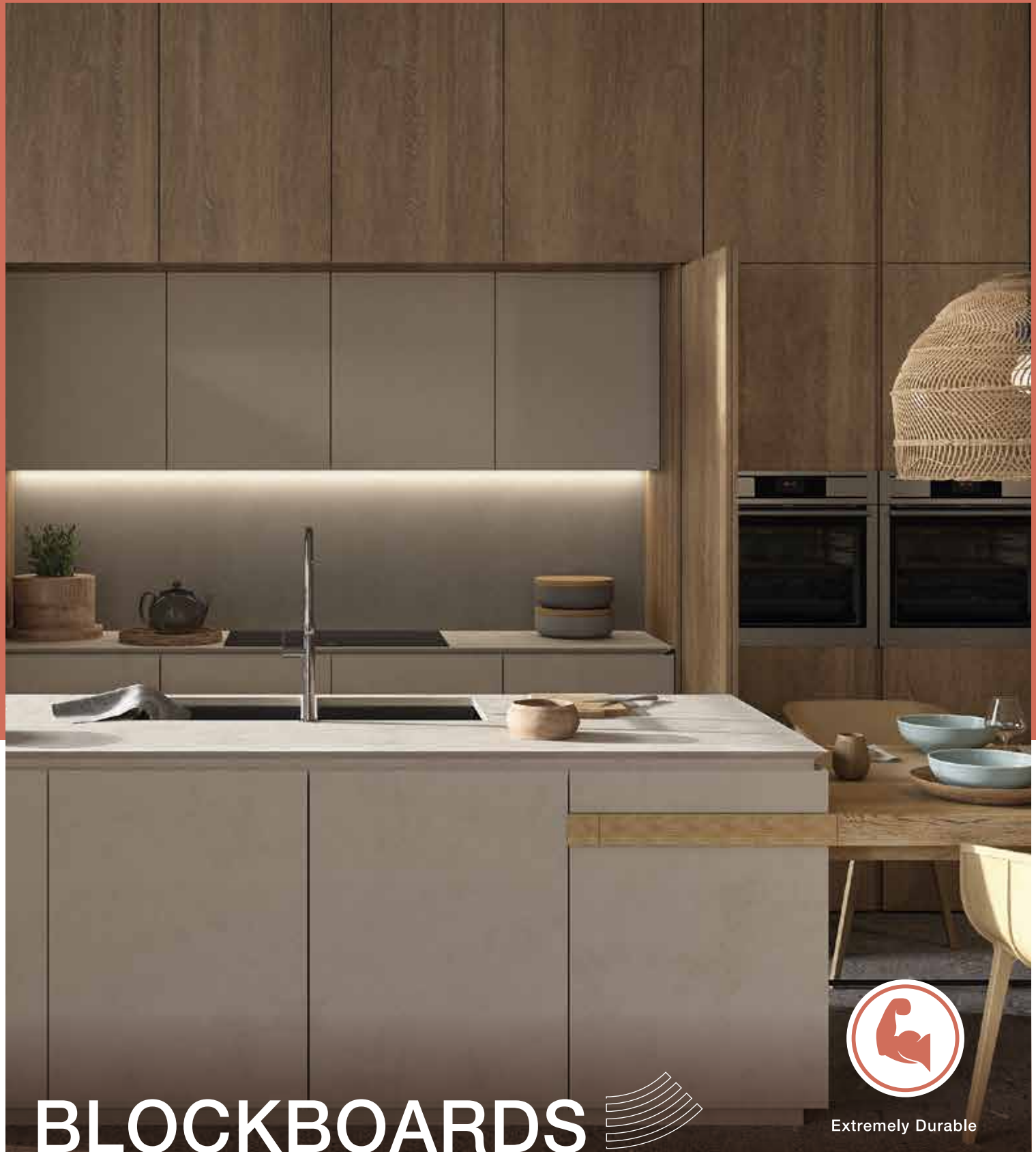
GPRO MR Plywood is crafted from specially selected eco-friendly timber, offering borer resistance and reduced susceptibility to weather changes. This moisture-resistant plywood is easy to work with, making it ideal for interior applications and furniture manufacturing.

*Terms & Conditions Apply



APPLICATION

- Best for partitions, paneling, door panels, cabins, and false ceilings.
- Other applications include furniture parts, lamps, interiors, toys, souvenirs, musical instruments, speakers, interior designs, and other product fabrication.

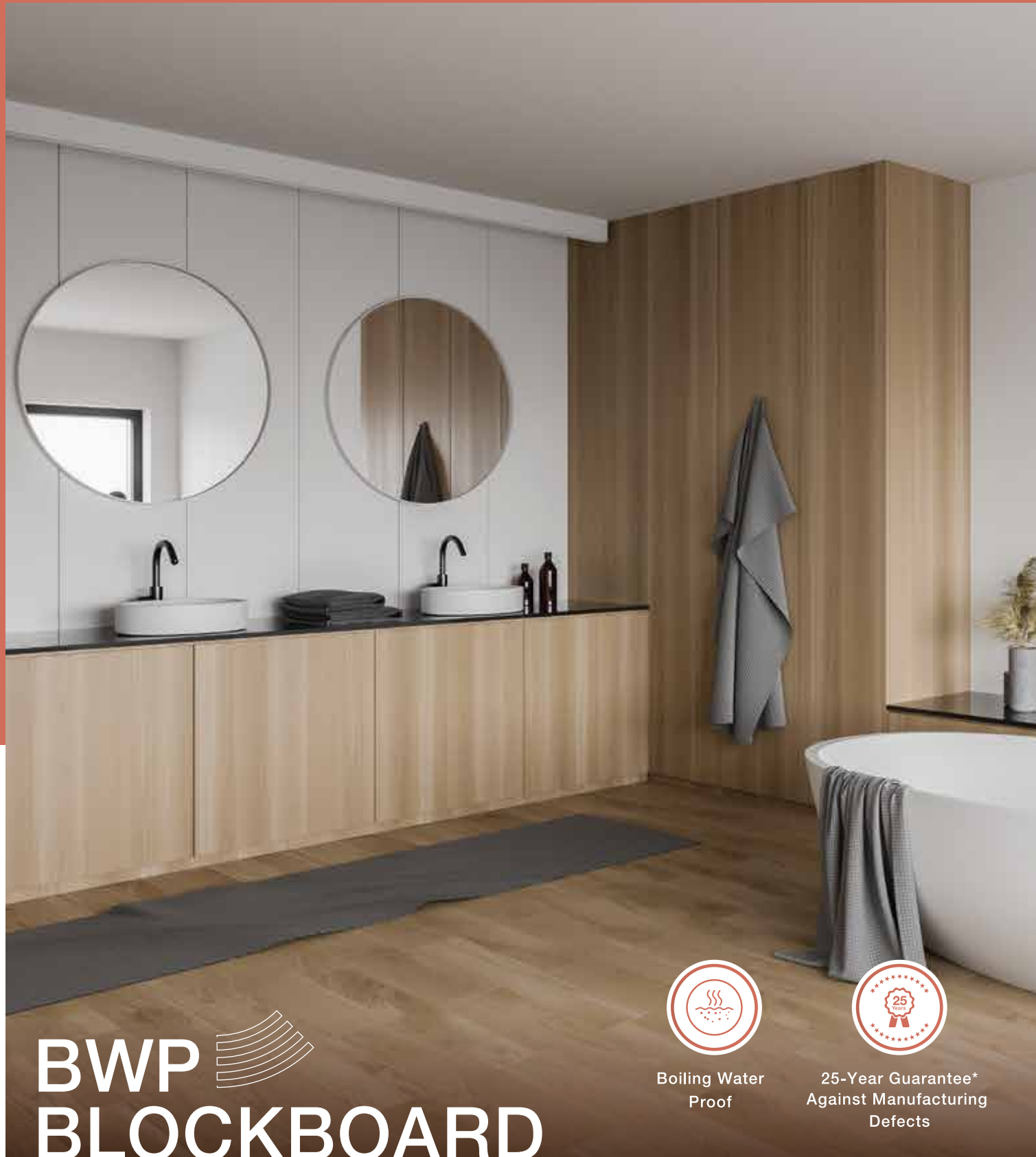


BLOCKBOARDS



Extremely Durable

Greenpanel Blockboards are superior in quality and ideal for all weather conditions and applications. Our range of Blockboard is made with pine fillers and a frame, kiln-seasoned for uniform dimensions, and treated with preservatives for greater strength and durability.



BWP BLOCKBOARD



Boiling Water
Proof



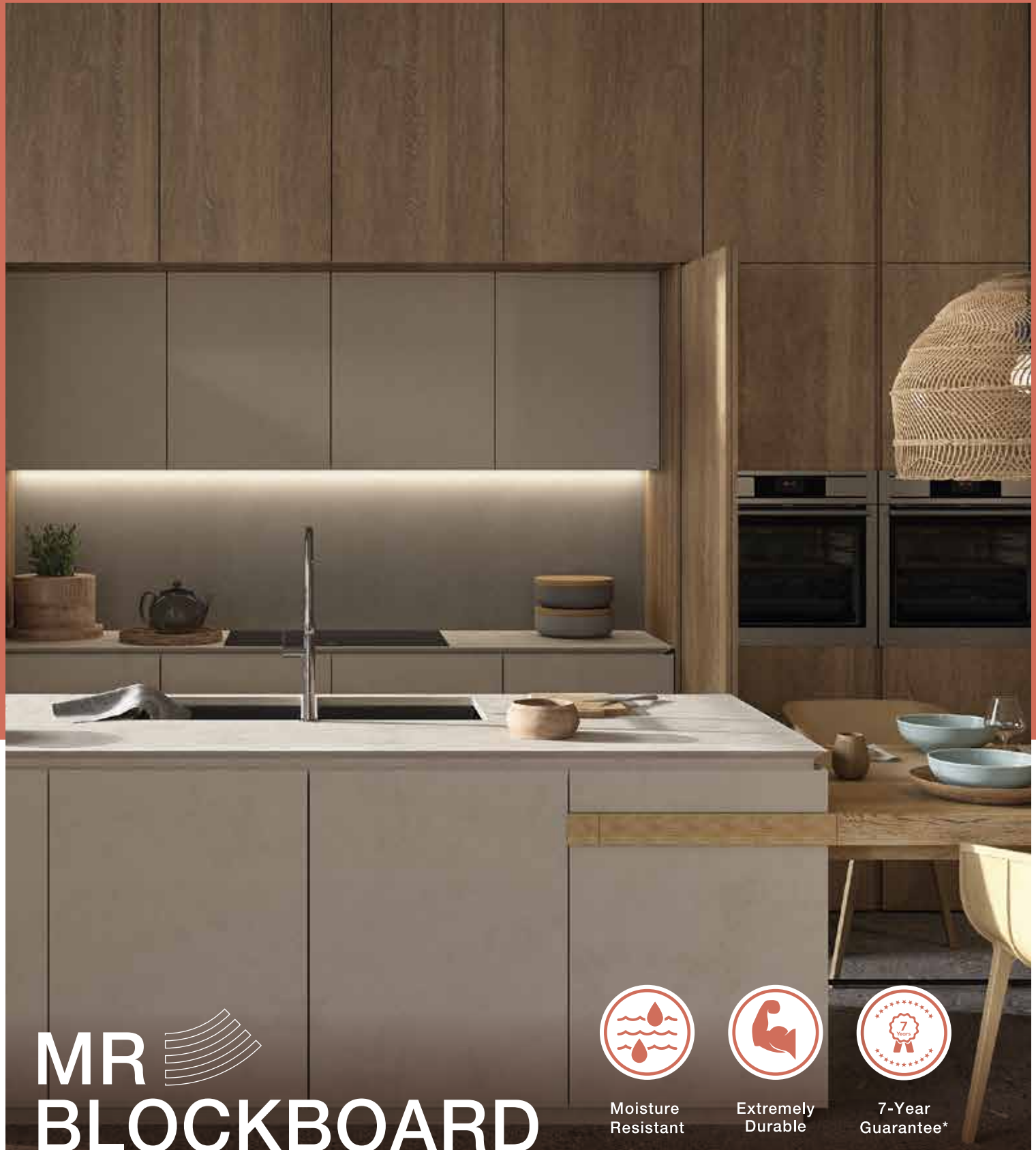
25-Year Guarantee*
Against Manufacturing
Defects

Greenpanel BWP Blockboard is manufactured from 100% kiln-seasoned hardwood species, bonded with BWP-type synthetic resin, and pressed at very high temperature and pressure. This process ensures excellent dimensional stability and a uniform surface quality. The use of double-layered cross bands on top and bottom of the assembly makes the blockboard stiff and warp-free.



APPLICATION

- Suitable for vertical applications such as doors, cupboards, racks, panels, and partition walls
- Furniture, bookshelves, and boxes
- The back support of structural work, kitchen and wardrobe shutters, and bathroom cabinetries



MR BLOCKBOARD



Moisture
Resistant

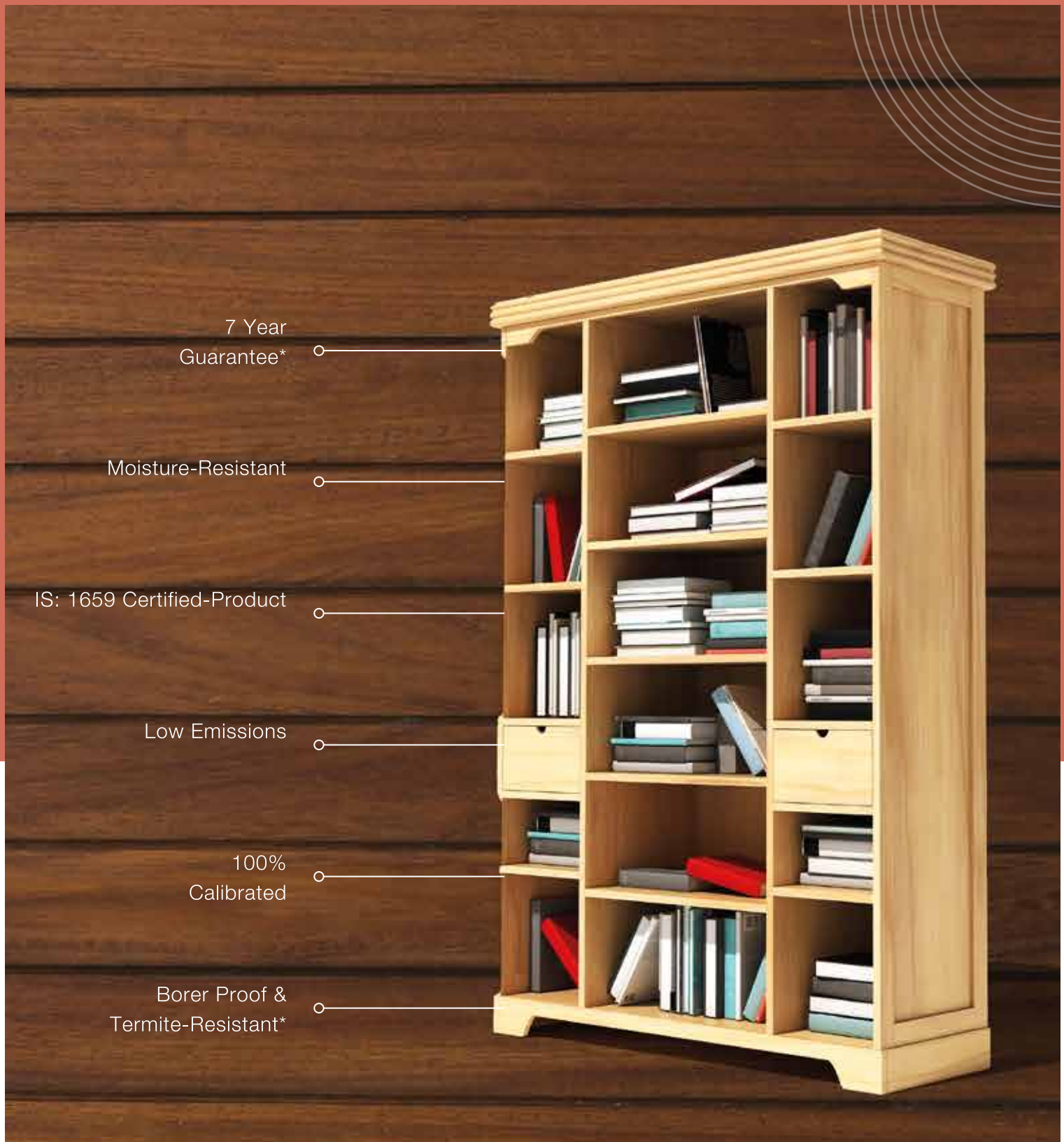


Extremely
Durable



7-Year
Guarantee*

MR Blockboard is a premium quality board with highly resistant properties against borers and termites. The face veneer, core veneer, and wooden battens in the Blockboard are carefully selected and treated with preservatives to protect against termites and borers. The wooden battens are thoroughly seasoned in scientifically run seasoning kiln plants and then cut with great precision to obtain uniform thickness. Double-layered cross bands on top & bottom make the board stiff and warp-free. The wood battens are long and systematically arranged under the supervision of a qualified supervisor and utmost care is taken to avoid any extra gap between the battens. Regular tests are conducted to maintain the quality of Blockboards as per the standards of IS 1659: 2004.



APPLICATION

- Suitable for vertical applications such as doors, cupboards, racks, panels, and partition walls
- Furniture, bookshelves, and boxes
- Provides back support for wardrobe shutters and bathroom cabinetry



FLUSH DOORS



Warp
Resistant



25-Year
Guarantee*

Greenpanel Flush Doors are stiff, impact-resistant, and possess high strength. Our doors are manufactured from select imported pine timber, are preservative-treated, and kiln-seasoned. Due to their durability and high dimensional stability, these heavy-duty flush doors are used for exterior as well as interior purposes. Our doors are structurally sturdy and good insulators of heat and sound. Double-layered cross bands on top and bottom are evenly tenderized and dried to the necessary moisture content as per IS: 1141-1991. Higher quality premium BWP type synthetic resin conforming to IS: 848-1974 is used for bonding, making our doors 100% boiling waterproof, borer & termite proof.



APPLICATION

- Best for partitions, paneling, door panels, cabins, and false ceilings.
- Other applications include furniture parts, lamps, interiors, toys, souvenirs, musical instruments, speakers, interior designs, and other product fabrication.

TECHNICAL SPECIFICATIONS

GREENPANEL CLUB PLYWOOD IS 10701 : 2012 Certified Products

S. No.	Test Parameter	Units	Prescribed Value as per Indian Specifications (IS 10701:2012)
	Dimensions & tolerance		
	Length	mm	+6 / -0
	Width	mm	+3 / -0
	Thickness	% (6mm & above)	±5%
	Squareness	Max %	0.2
	Edge straightness	Max %	0.2
	Moisture content	%	5 - 15
	Glue adhesion in dry state		
	Glue shear strength		
	i) Average	N	1,350
	ii) Min. Ind.	N	1,100
	Adhesion of plies		Min. Pass Standard
	Resistance to water (72 h Boiling)		
	Glue shear strength		
	i) Average	N	1000
	ii) Min. Ind.	N	800
	Adhesion of plies		Min. Pass Standard
	Mycological test		
	Glue shear strength		
	i) Average	N	1000
	ii) Min. Ind.	N	800
	Adhesion of plies		Min. Pass Standard
	Static bending strength		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	50
	ii) Min. Ind.	N/mm ²	45
	b) Across the grain		
	i) Average	N/mm ²	30
	ii) Min. Ind.	N/mm ²	27
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	7500
	ii) Min. Ind.	N/mm ²	6700
	b) Across the grain		
	i) Average	N/mm ²	4000
	ii) Min. Ind.	N/mm ²	3600
	Wet bending strength		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	25
	ii) Min. Ind.	N/mm ²	22
	b) Across the grain		
	i) Average	N/mm ²	15
	ii) Min. Ind.	N/mm ²	13
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	3750
	ii) Min. Ind.	N/mm ²	3400
	b) Across the grain		
	i) Average	N/mm ²	200
	ii) Min. Ind.	N/mm ²	1800
	Tensile strength		
	Along the grain	N/mm ²	55
	Across the grain	N/mm ²	35
	Compressive strength		
	Along the grain	N/mm ²	35
	Across the grain	N/mm ²	30
	Panel shear strength	N/mm ²	12.5
	Modulus of rigidity	N/mm ²	588
	Rolling shear strength	N/mm ²	3
	Retention of preservative (Min.)	Kg/m ³	12

Note: Greenpanel test result confirms with excellent results than the prescribed values of IS 10701 : 2012 & CARB P2 Compliant.

TECHNICAL SPECIFICATIONS

GREENPANEL FIREX PLYWOOD IS 5509 Certified Products

S. No.	Test Parameter	Units	Prescribed Value as per Indian Specifications (IS 5509 & IS 710)
1)	Dimensions & tolerance		
	Length	mm	+6 / -0
	Width	mm	+3 / -0
	Thickness	% (6mm & above)	±5%
	Squareness	Max %	0.2
	Edge straightness	Max %	0.2
2)	Moisture content	%	5 - 15
3)	Glue adhesion in dry state		
	Glue shear strength		
	i) Average	N	1,350
	ii) Min. Ind.	N	1,100
	Adhesion of plies		Min. Pass Standard
4)	Resistance to water (72 h Boiling)		
	Glue shear strength		
	i) Average	N	1000
	ii) Min. Ind.	N	800
	Adhesion of plies		Min. Pass Standard
5)	Mycological test		
	Glue shear strength		
	i) Average	N	1000
	ii) Min. Ind.	N	800
	Adhesion of plies		Min. Pass Standard
6)	Static bending strength		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	43
	ii) Min. Ind.	N/mm ²	38
	b) Across the grain		
	i) Average	N/mm ²	35
	ii) Min. Ind.	N/mm ²	31
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	6400
	ii) Min. Ind.	N/mm ²	5700
	b) Across the grain		
	i) Average	N/mm ²	4600
	ii) Min. Ind.	N/mm ²	4100
7)	Wet bending strength		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	21
	ii) Min. Ind.	N/mm ²	19
	b) Across the grain		
	i) Average	N/mm ²	17
	ii) Min. Ind.	N/mm ²	15
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	3200
	ii) Min. Ind.	N/mm ²	2900
	b) Across the grain		
	i) Average	N/mm ²	2300
	ii) Min. Ind.	N/mm ²	2100
8)	Tensile strength		
	Along the grain	N/mm ²	Not less than 36
	Across the grain	N/mm ²	Not less than 29
	Sum of along & across	N/mm ²	Not less than 84.5
9)	Retention of preservative (Min.)	Kg/m ³	12
10)	Formaldehyde Class	Class E1 / E2	Emission Free (E1)
S. No.	Test Parameter	Firex Plywood (19mm)	
1)	Flammability Test (min)		≥ 30
2)	Flame Penetration Test (15t/6) (min)		≥ 48
3)	Rate of Burning Test (wt. loss 30% to 70%) (min)		≥ 20
Note: Greenpanel test result confirms with excellent results than the prescribed values of IS 5509 and 710: 2024.			

TECHNICAL SPECIFICATIONS

GREENPANEL BWP, GOLD & GPRO 710 IS 710 : 2024 Certified Products

S. No.	Test Parameter	Units	Prescribed Value as per Indian Specifications (IS 710:2024)
1)	Dimensions & tolerance		
	Length	mm	+6 / -0
	Width	mm	+3 / -0
	Thickness	% (6mm & above)	±5%
	Squareness	Max %	0.2
	Edge straightness	Max %	0.2
2)	Moisture content	%	5 - 15
3)	Glue adhesion in dry state		
	Glue shear strength		
	i) Average	N	1,350
	ii) Min. Ind.	N	1,100
	Adhesion of plies		Min. Pass Standard
4)	Resistance to water (72 h Boiling)		
	Glue shear strength		
	i) Average	N	1000
	ii) Min. Ind.	N	800
	Adhesion of plies		Min. Pass Standard
5)	Mycological test		
	Glue shear strength		
	i) Average	N	1000
	ii) Min. Ind.	N	800
	Adhesion of plies		Min. Pass Standard
6)	Static bending strength		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	43
	ii) Min. Ind.	N/mm ²	38
	b) Across the grain		
	i) Average	N/mm ²	35
	ii) Min. Ind.	N/mm ²	31
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	6400
	ii) Min. Ind.	N/mm ²	5700
	b) Across the grain		
	i) Average	N/mm ²	4600
	ii) Min. Ind.	N/mm ²	4100
7)	Wet bending strength		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	21
	ii) Min. Ind.	N/mm ²	19
	b) Across the grain		
	i) Average	N/mm ²	17
	ii) Min. Ind.	N/mm ²	15
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	3200
	ii) Min. Ind.	N/mm ²	2900
	b) Across the grain		
	i) Average	N/mm ²	2300
	ii) Min. Ind.	N/mm ²	2100
8)	Tensile strength		
	Along the grain	N/mm ²	Not less than 36
	Across the grain	N/mm ²	Not less than 29
	Sum of along & across	N/mm ²	Not less than 84.5
9)	Retention of preservative (Min.)	Kg/m ³	12
10)	Formaldehyde Class	Class E1 / E2	Emission Free (E1)
Note: Greenpanel test result confirms with excellent results than the prescribed values of IS 710 : 2024.			

TECHNICAL SPECIFICATIONS

GREENPANEL MR & GPRO MR Plywood IS 303 : 2024 Certified Products

S. No.	Test Parameter	Units	Prescribed Value as per Indian Specifications (IS 303:2024)
1)	Dimensions & tolerance		
	Length	mm	+6 / -3
	Width	mm	+3 / -1
	Thickness	% (6mm & above)	±5%
	Squareness	Max %	0.2
	Edge straightness	Max %	0.2
2)	Moisture content	%	5 - 15
3)	Glue adhesion		
	Water resistance test (3 cycle of 3 hrs. in warm water @ 60 ±2°C & 8 hrs. drying at 65±2°C in hot air oven)		Min. Pass Standard
	Adhesion of plies		Min. Pass Standard
4)	Mycological Test		
	Adhesion of plies		Min. Pass Standard
5)	Static bending strength		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	26
	ii) Min. Ind.	N/mm ²	23
	b) Across the grain		
	i) Average	N/mm ²	17
	ii) Min. Ind.	N/mm ²	15
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	3400
	ii) Min. Ind.	N/mm ²	3100
	b) Across the grain		
	i) Average	N/mm ²	2300
	ii) Min. Ind.	N/mm ²	2100
6)	Formaldehyde Class	Class E1 / E2	Low Emission (E1)

Note: Greenpanel test result confirms with excellent results than the prescribed values of IS 303 : 2024.

GREENPANEL BWP BLOCKBOARDS IS 1659 : 2004 Certified Products

S. No.	Test Parameter	Units	Prescribed Value as per Indian Specifications (IS 1659:2024)
1)	Dimensions & tolerance		
	Length	mm	+6 / -0
	Width	mm	+3 / -0
	Thickness	%	±5%
	Variation in the thickness	mm	not more than 0.5 mm
	Squareness	Max %	0.2
	Edge straightness	Max %	0.2
2)	Dimensional change caused by humidity		
	Change in length		
	a) From 65% RH to 90 %RH		+/- 1
	b) From 65% RH to 40 %RH		+/- 1
	Change in thickness		
	a) From 65% RH to 90 %RH		+/- 1
	b) From 65% RH to 40 %RH		+/- 1
	Maximum local planeness At extreme range of humidity		Not greater than 1/150 No delamination
3)	Modulus of rupture & Modulus of elasticity		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	50
	ii) Min. Ind.	N/mm ²	42
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	5000
	ii) Min. Ind.	N/mm ²	4200
4)	Resistance to water test (72 hrs. boiling)		No delamination
5)	Adhesion of plies		Min. pass standard
6)	Spot test		Through and through penetration of

Note: Greenpanel test result confirms with excellent results than the prescribed values of IS 1659 : 2004.

TECHNICAL SPECIFICATIONS

GREENPANEL MR BLOCKBOARDS IS 1659 : 2004 Certified Products

S. No.	Test Parameter	Units	Prescribed Value as per Indian Specifications (IS 1659:2024)
1)	Dimensions & tolerance	Units	
	Length		+6 / -0
	Width	mm	+3 / -0
	Thickness	mm	±5%
	Variation in the thickness	%	not more than 0.5 mm
	Squareness	mm	0.2
	Edge straightness	Max %	0.2
2)	Dimensional change caused by humidity	Max %	
	Change in length		
	a) From 65% RH to 90 %RH		+/- 1
	b) From 65% RH to 40 %RH		+/- 1
	Change in thickness		
	a) From 65% RH to 90 %RH		+/- 1
	b) From 65% RH to 40 %RH		+/- 1
	Maximum local planeness		Not greater than 1/150
	At extreme range of humidity		No delamination
3)	Modulus of rupture & Modulus of elasticity		
	Modulus of rupture		
	a) Along the grain		
	i) Average	N/mm ²	40
	ii) Min. Ind.	N/mm ²	34
	Modulus of elasticity		
	a) Along the grain		
	i) Average	N/mm ²	4000
	ii) Min. Ind.	N/mm ²	3400
4)	Resistance to water test (60±2°C in warm water for 3 hours)		No delamination
5)	Adhesion of plies		Min. pass standard
6)	Mycological test		Min. pass standard
7)	Spot test		Through and through penetration of preservative chemicals

Note: Greenpanel test result confirms with excellent results than the prescribed values of IS 1659 : 2024.



TECHNICAL SPECIFICATIONS

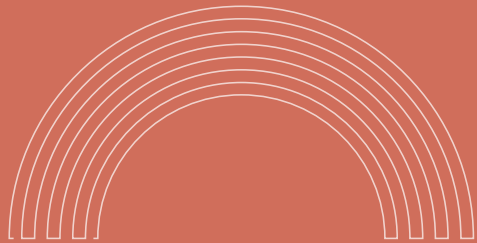
GREENPANEL FLUSH DOORS IS 2202 (Part 1) : 2023 Certified Products

S. No.	Test Parameter	Units	Prescribed Value as per Indian Specifications IS 2202 (Part 1):2023
	Dimensions and Squareness Test		
	Length	mm	± 5
	Width	mm	± 5
	Thickness	mm	± 1
	Variation in the thickness	mm	not more than 0.8 mm
	Squareness	mm	Deviation not more than 1 mm per 500 mm length
	General flatness Test	mm	Twist, cupping & warping not greater than 6 mm
	Local planeness Test	mm	Depth of deviation not greater than 0.5 mm
	End immersion Test		No delamination
	Glue adhesion Test		No delamination
	Knife Test		Minimum pass standard
	Impact indentation Test	mm	No cracking, tearing or delamination Depth of indentation not greater than 0.2 mm
	Slamming Test		No visible damage after 50 drops
	Flexure Test		
	15 mins after loading 50 Kg	mm	Deflection at maximum load not greater than 1/30 of length & 1/15 of width, whichever is less
	3 mins after load removal	mm	Residual deflection not greater than 1/10 of maximum deflection
	Shock resistance Test		
	Soft and light body impact		No visible damage
	Soft and heavy body impact		No visible damage
	Buckling Resistance Test		
	After 5 mins of 40 Kg loading		No deterioration
	15 mins after load removal	mm	Residual deformation after 15 minutes of unloading not greater than 5 mm
	Edge loading Test		
	After 15 mins of 100 kgs loading	mm	Deflection at max. load not greater than 5 mm
	3 mins after load removal	mm	Residual deflection after removal of load not greater than 0.5 mm
	Lateral buckling		Not more than 2 mm during loading
	Residual lateral buckling		No residual lateral buckling after load removal
	Screw withdrawal Resistance Test	N	Not less than 1,000
			Surface condition: no visible damage to the surface either by delamination of extra chipping off at the points of withdrawal
	Varying humidity test		
		mm	No visible warping, twisting or delamination Maximum departure from the general planeness not more than 1 mm
			Recovery – At least 90% of the change in dimension
	Misuse Test		No permanent deformation of the fixing or any other part of the door set in hindering its
Note: Greenpanel test result confirms with excellent results than the prescribed values of IS 2202 Part 1 : 2023.			

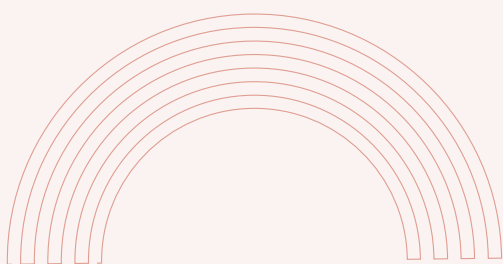


Certificates

Greenpanel is certified with- ISO 9001:2015, ISO 14001:2015, ISO 45001:2018
FSC-C099985, CARB P2, EPA, IGBC, CE, BIS, GREEN PRO.



**EMBARK ON AN
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WITH GREENPANEL**



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