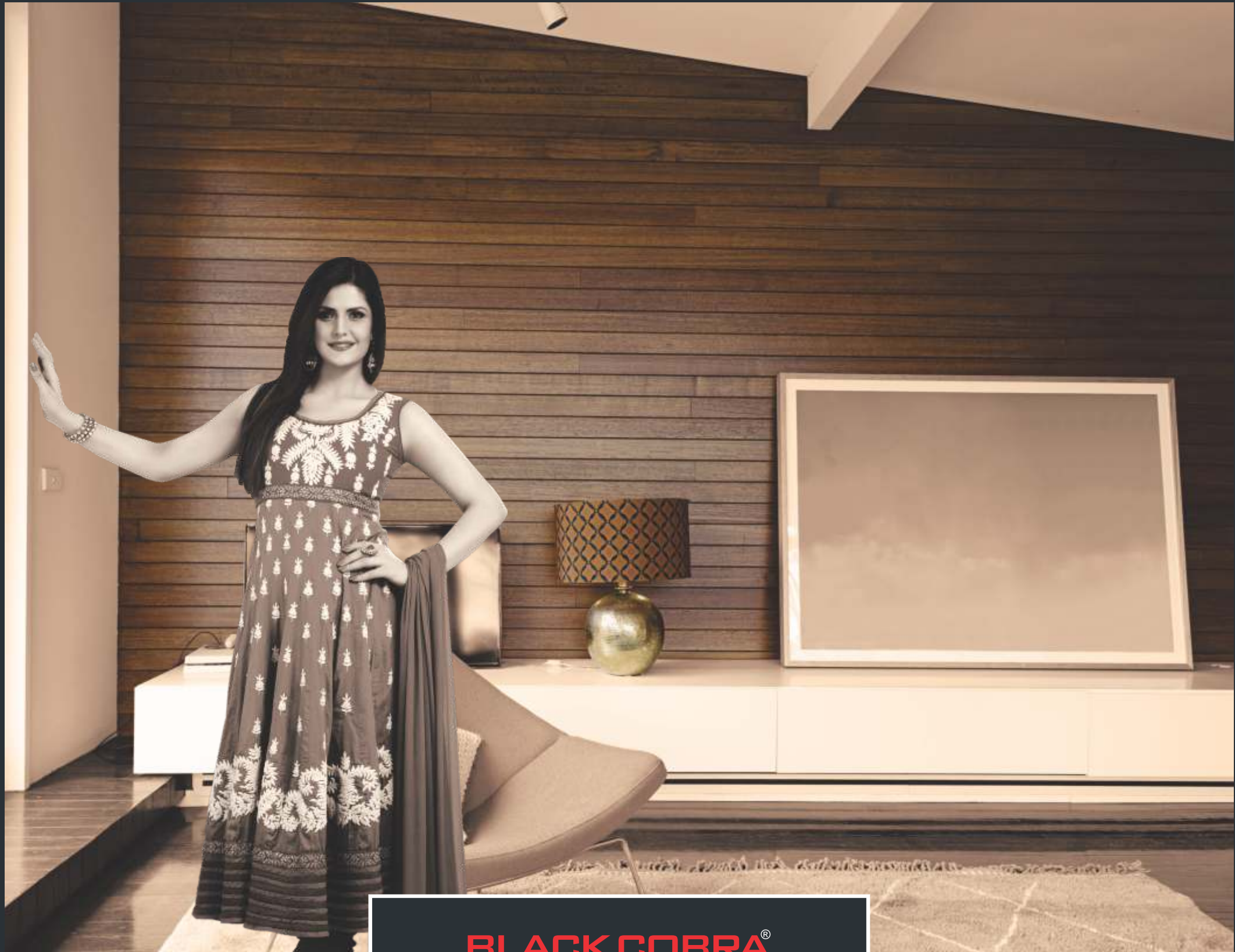


**BLACK COBRA**<sup>®</sup>  
P L Y W O O D

Its Engineered Wood

**EK NAYI SOCH,** **EK NAYA ANDAZ**



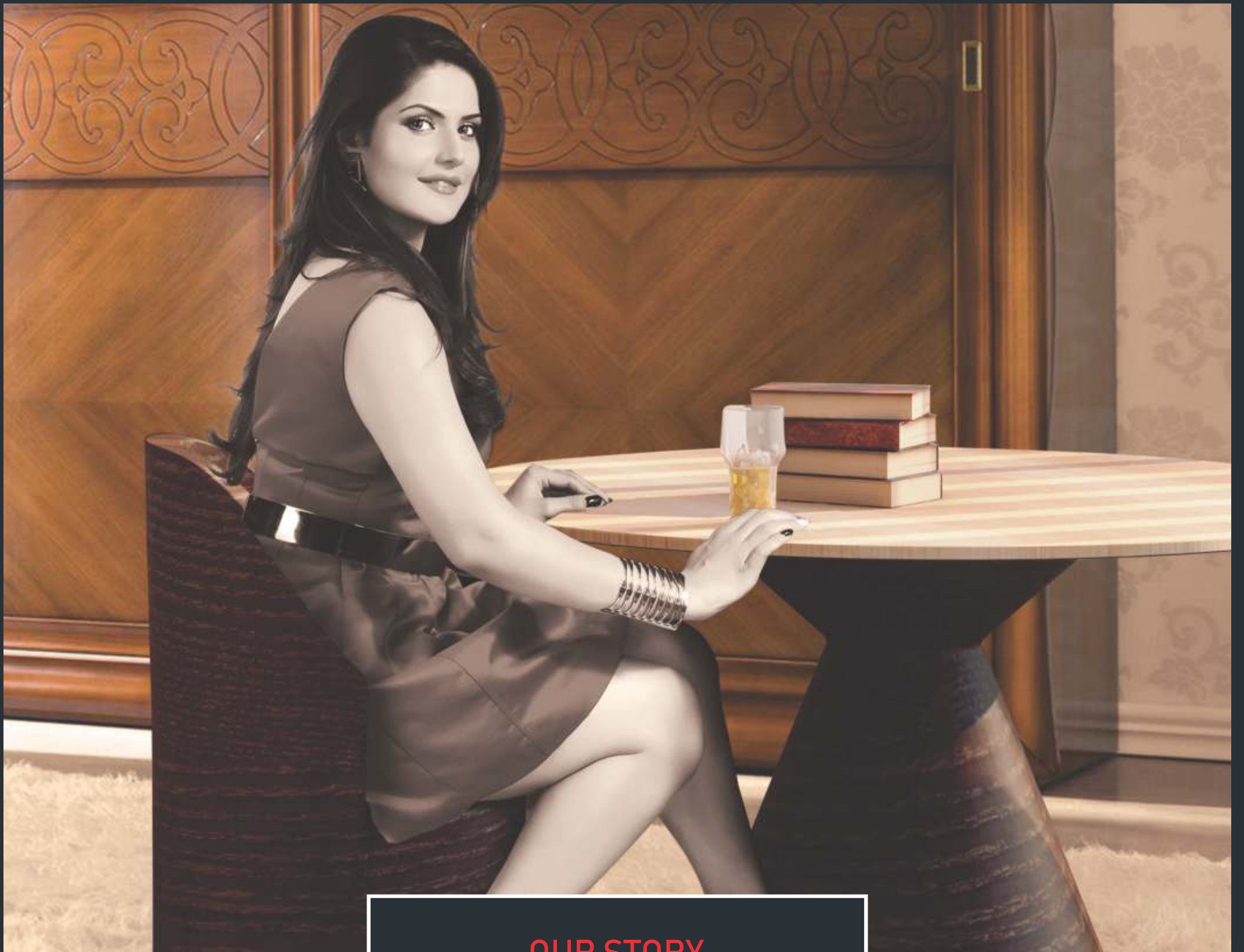
**BLACK COBRA**<sup>®</sup>  
P L Y W O O D

Black Cobra Plywood is the premium brand from the group that has been associated with trusted plywood business for last 24 years.

Today Black Cobra is one of the biggest interior product brand in India.

### We manufacture Various interior and infrastructural products such as :

- ≡ General Purpose Plywood
- ≡ Decorative Plywood
- ≡ Flush Doors
- ≡ Aluminium Cladded Plywood
- ≡ Chequered Plywood
- ≡ Wood Plastic Composite Boards (WPC)
- ≡ WPC Door Frames
- ≡ Aluminium Composite Panelsheets  
(ACP-Under The Brand Name Alex)
- ≡ Block boards
- ≡ Flexible Plywood
- ≡ Pvc Membrane Doors
- ≡ Marine Plywood
- ≡ Shuttering Plywood
- ≡ PVC Laminate Sheets
- ≡ Compregs Plywood



**OUR STORY**

24 Years ago two visionary and Insightful Entrepreneurs MR. NARESH GARG & SHASHI GARG started a new brand BLACK COBRA. Which is today the pride of thousands of beautiful homes across all over india and abroad.

### Passionate about what we do

With our customer-centric approach and focus on providing them with nothing but the best, we continually align our business with their ever-changing preferences. From adding to the product line, quality augmentation to technology upgradation and amplification of marketing initiatives. we are constantly innovating to deliver the finest solutions to create a better infrastructure for tomorrow.

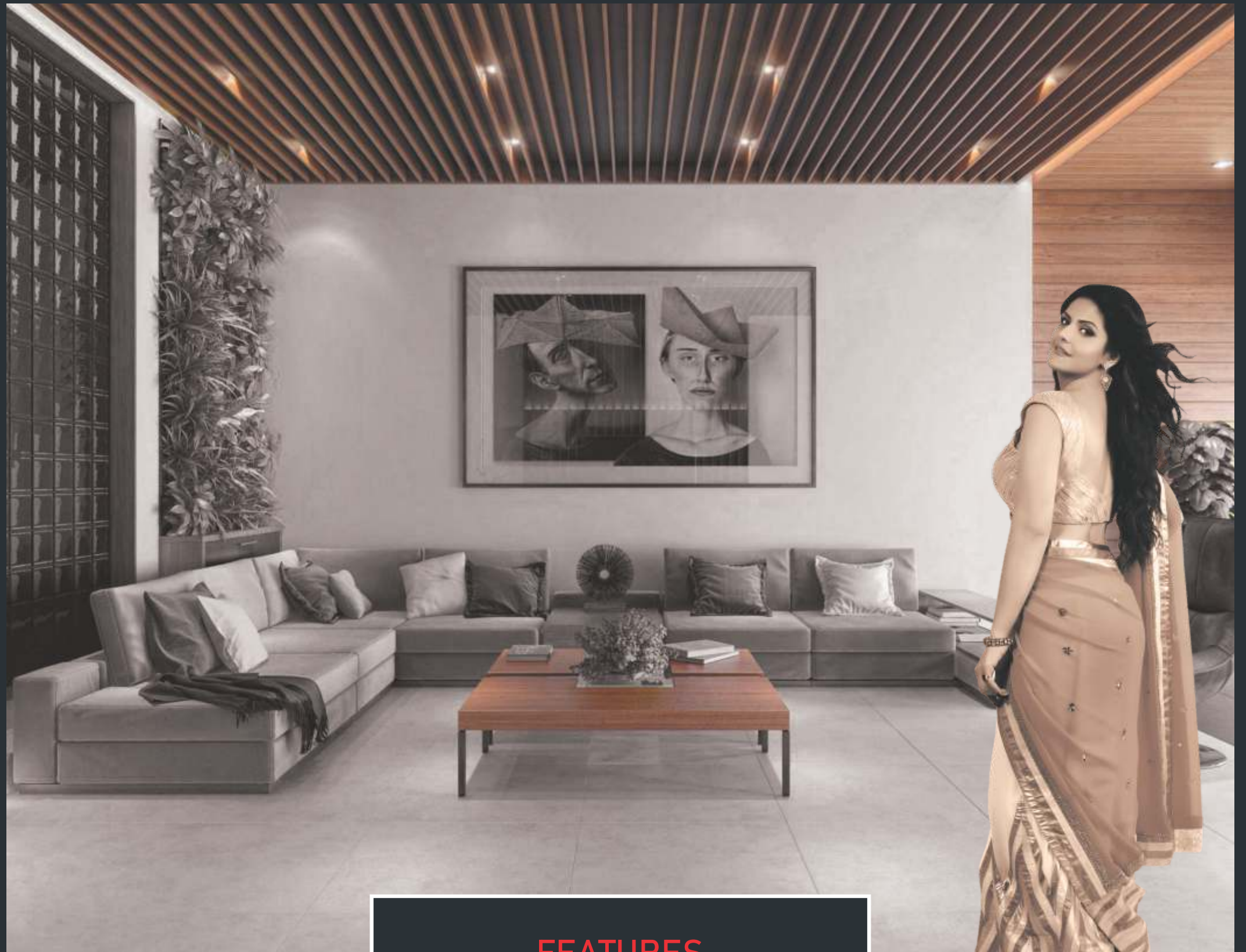


**IF IT IS BLACK COBRA  
IT IS STRONG**

In a world of ever-changing values, there are still some things which you can rely upon. One of these is Black Cobra Plywood, which will continue to produce the best interior products benchmarked against the highest international standards. This promise is backed by our commitment to latest technology, strong and durable products.

### Promise Backed **By Proof**

We follow a strict quality mechanism in all our operations, which enables us to offer an impeccable range of products to our clients. Our sourcing agents procure the raw material carefully after ensuring that it is free from any defects. Our entire range of plywood is chemically treated, seasoned and is bonded with using bonding glue, which results in excellent resistance against borer and other insects attacks. Our team of quality auditors closely monitor every production stage and conduct a number of tests on the finished products on various parameters like screw holding capacity, design, finish, sturdiness, mechanical strength, Density, adhesion of layers and many more.



**FEATURES**



Black Cobra Plywood is the first choice of leading architects, interior designers and contractors. they strongly recommend our products for transforming ordinary steel and concrete structures to expressions of one's personality.

#### Special features of Black Cobra

- Excellent bonding
- Exceptional durability
- Hassle-free installation
- Uniform thickness
- Anti-fungal & borer resistant
- Minimum maintenance
- Weather Resistant
- Corrosion & chemical resistant
- Surface dimensional stability
- High strength to weight ratio



A woman with long dark hair, wearing a brown long-sleeved top and dark jeans, stands with her arms crossed in a modern office. The office features a large wooden desk with a laptop, a desk lamp, and a chair. In the foreground, there is a wooden coffee table with a glass of water and a vase. The background includes a wooden cabinet and a floor lamp. The overall aesthetic is clean and professional.

**GENERAL PURPOSE PLYWOOD**  
(IS : 303)

Veneers from high quality logs are mechanically dried and they undergo stress relieving process, which are assembled in such a way to form a balanced construction. High quality fortified synthetic resins are used for gluing the veneers. Glue line is poisoned by special formulations of chemicals to make Black Cobra Plywood safe against borers. It is hot pressed under proper temperature and more than 16kg/cm<sup>2</sup> specific pressure. Conditioning is done after pressing followed by preservative treatment.

## Applications

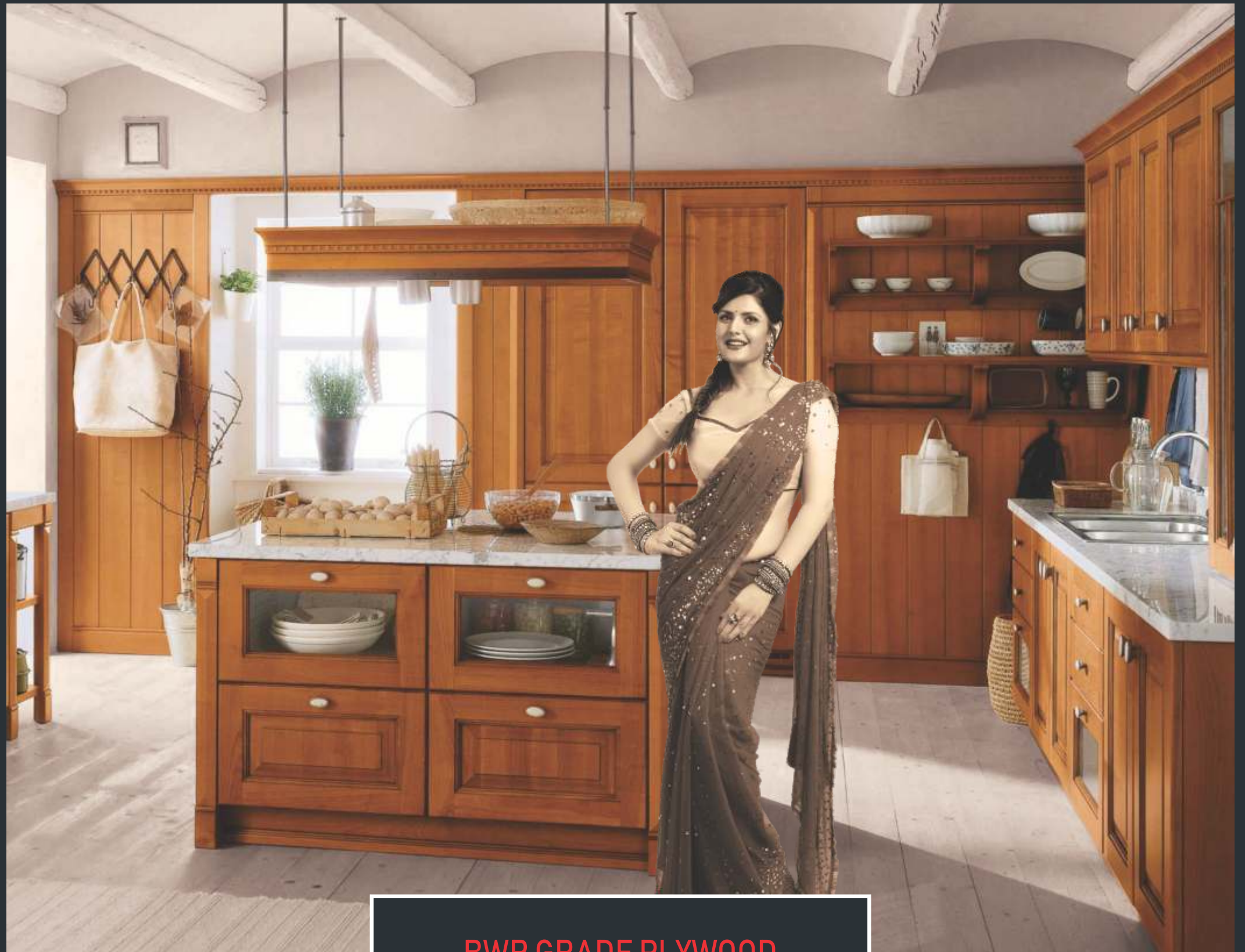
Partitions and paneling, ceilings in public rooms and corridors, floor underlayment, computers rooms, furniture, bus bodies, railway coaches, milk booths, sign boards, insert in panel doors, storage racks.

## Special Features General Purpose Plywood

- Special grade plywood manufactured as per IS 303 ( MR & BWR GRADE )
- Higher tolerance to moisture & humidity
- Strong core bonding that can withstand tough handling & rough environments
- Borer Resistant
- High resistance to all climatic conditions
- Resistant to twisting, warping
- High internal strength

## Technical Specifications (Type : MR GRADE)

S.No	Test	Requirements of IS 303MR	Test Results Of Black Cobra Plywood
1	Workmanship, Finish, Visual defects		Plywood have smooth Finish, Free from cracks & surface Defects etc
2	Dimensions (a) Length (b) Width (c) Thickness	+6mm,-0mm +3mm,-0mm +/-5%	+4mm +2mm +/-3%
3.	A. Squareness % B. Edge Straightness %	0.20% Max 0.20% Max	0.15% 0.16%
4.	Glue Adhesion water Resistance Test	Min. Pass Standard	Pass Standard
5.	Mycological test	Min. Pass Standard	Pass Standard
6.	% Moisture Content	5-15%	8.4%
7.	Static bending test a. Modulus of rupture (in direction parallel to Grain) N/Sq.mm b. Modulus of rupture (in Direction perpendicular to grain) N/Sq.mm c. Modulus of elasticity(in Direction parallel to grain) N/Sq.mm d. Modulus of elasticity(in Direction perpendicular to grain) N/Sq.mm	Ind. 27 N/Sq.mm Avg. 30N/Sq.mm Ind. 13 N/Sq.mm Avg.15N/Sq.mm` Ind.3600N/Sq.mm Avg.4000N/Sq.mm Ind. 1800N/Sq.mm Avg 2000N/Sq.mm	31.4 N/Sq.mm 35.17 N/Sq.mm 19.31 N/Sq.mm 23.42N/Sq.mm 4518.57N/Sq.mm 4836.57N/Sq.mm 2999.89N/Sq.mm 3245.67N/Sq.mm



**BWR GRADE PLYWOOD**

Black Cobra BWR Grade Plywood is water resistant and is also known as Boiling Water Resistant Grade Plywood. It is one of the best selling plywoods in India. Extreme care and caution are exercised in manufacturing of this grade of plywood to ensure its water resistance property. BWR Grade Plywood is the ideal choice in making of kitchen cabinets and other associated furniture. The plywood is chemically treated to ensure it is borer resistant. Phenol formaldehyde adhesive is used to bond the plywood that adds to its water resistance ability.

## Special Grade of BWR Grade Plywood

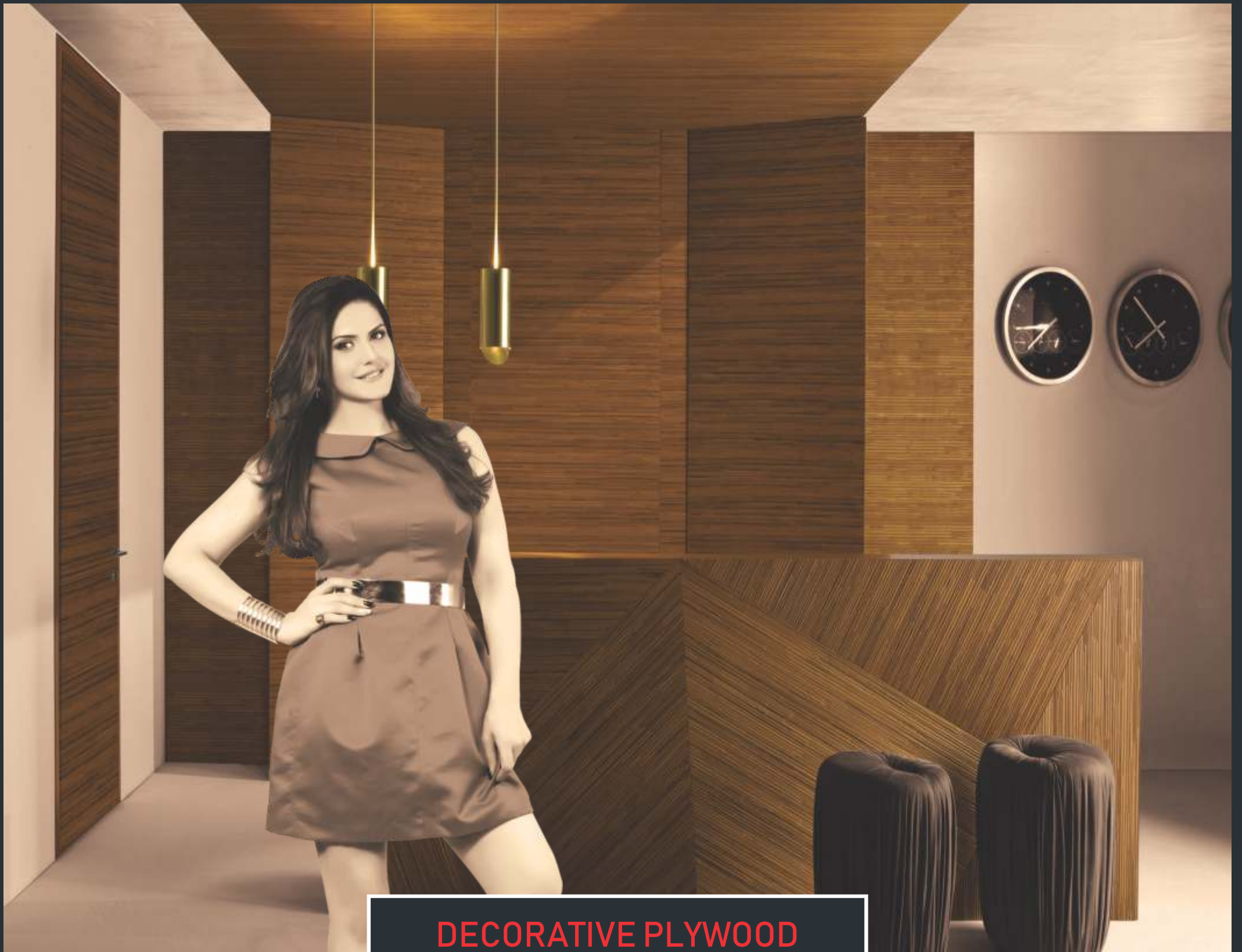
- Special grade plywood manufactured as per IS 303
- High water resistivity
- High load bearing capacity

## Applications

Black Cobra BWR Grade Plywood is widely used for woodworking, furniture making, in homes, offices, business centres, hotels etc. As it is phenol bonded, this plywood is widely used for making outdoor furniture, kitchen cabinets and in places where the plywood gets a prolonged exposure to moisture and direct sunlight.

## Technical Specifications (Type : BWR GRADE)

S.No	Parameters / Test	Required Value	Test Results of Black Cobra Plywood
1	Workmanship , Finish, Visual Defect		Plywood Have Smooth Finish, Free From Cracks & Surface Defects etc.
2	Dimensions in mm D. Length E. Width Thickness	+6 mm, -0mm +3 mm, -0mm ±5%	+3 mm +1.5 mm ±3%
3	A. Squareness% B. Edge Straightness%	0.20% Max 0.20% Max	0.18% 0.17%
4	Glue Adhesion Water Resistance Test	Min. Pass Standard	Pass Standard
5	Mycological Test	Min. Pass Standard	Pass Standard
6	% Moisture Content	5-15%	6.8%
7	Static Bending Test A. Modulus of Rupture (in Direction Parallel to Grain) N/Sq. mm  B Modulus of Rupture (in Direction Perpendicular to Grain) N/Sq. mm  C Modulus of Elasticity (in Direction Parallel to Grain) N/Sq. mm  D Modulus of Elasticity (in Direction Perpendicular to Grain) N/Sq. mm	Ind. 36 N/Sq. mm Avg. 40 N/Sq. mm  Ind.18 N/Sq. mm Avg. 20 N/Sq. mm  Ind. 4500 N/Sq. mm Avg. 5000 N/Sq. mm  Ind. 2200 N/Sq. mm Avg. 2500 N/Sq. mm	40.16 N/Sq. mm 42.39 N/Sq. mm  26.45 N/Sq. mm 32.54 N/Sq. mm  5011.25 N/Sq. mm 5327.86N/Sq. mm  3032.84 N/Sq. mm 3358.64 N/Sq. mm



**DECORATIVE PLYWOOD**  
(IS : 1328 : 1996)

## Black Cobra Decorative Plywood

Black Cobra Decorative Plywood veneers are made from the best quality Timbers such as oak, mahogany, rose wood, teak etc, acquired from a reliable vendor base. The wood is made to go through a stringent quality check to ensure it is suitable for production of sheets. To make sure that the offered range will be the best in quality.

### Decorative Plywood

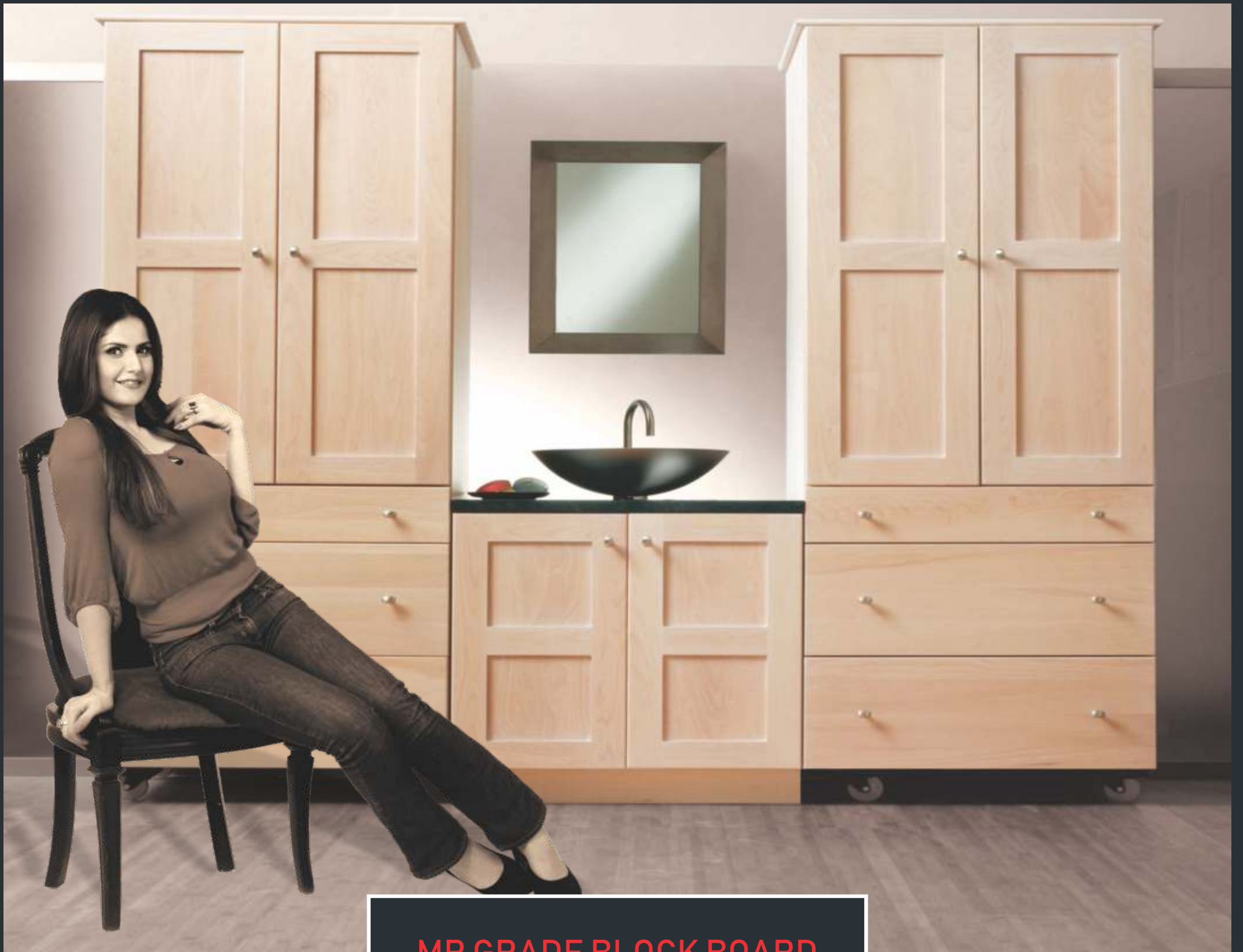
- Crack resistance
- Higher durability
- Borer resistant
- Wide range of european & African Veneers

### Applications

Black Cobra Decorative Plywood finds application in wall panelling, furnishing, kitchen, speaker cabinets, table tops, partition walls, cupboards and wardrobes, fixtures and shelves, racks, ceilings, furniture.

### Technical Specifications

S.No.	Test	Prescribed	Observed Value
1.	%Moisture Contents	5-15%	8.2%
2.	Water Resistance test	Pass Standard	Pass Standard
3.	Torn grain, Dead Knots dote,	Free from such defect	Pass Standard
4.	Open Split, Cracks, open Joints	Free From such defect	Pass Standard



**MR GRADE BLOCK BOARD**



MR (moisture resistant) Grade Blockboard is moisture resistant and also known as commercial grade blockboard. These are made from selected timbers. Frames and battons are chemically treated with Preservative Chemicals, which makes it borer proof.

## Special Features of MR Grade Blockboard

- Moisture resistant
- High Static bending strength
- Excellent screw/nail holding strength
- Kiln seasoned planks & frames used

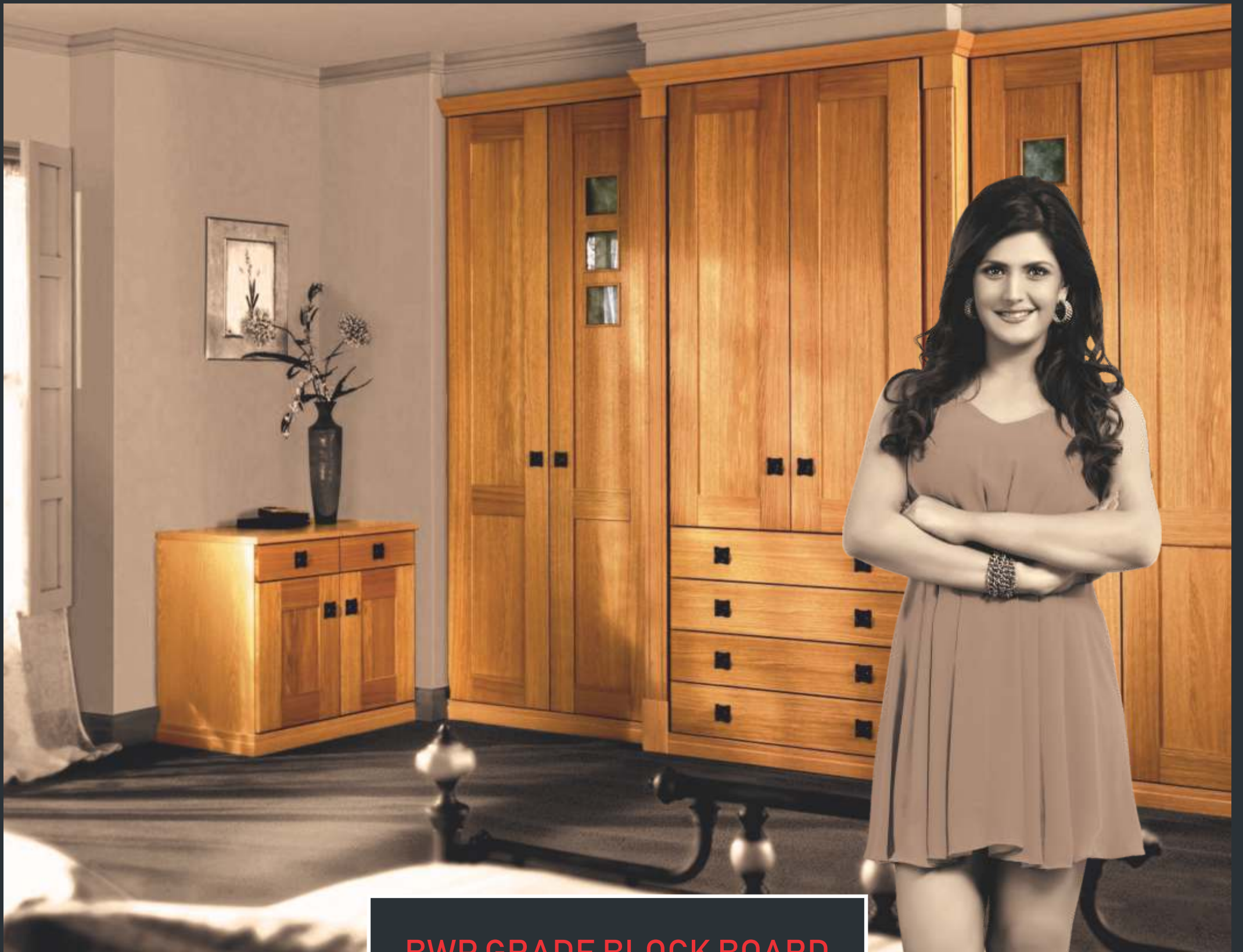
## Applications

Black Cobra MR Grade Block Boards are bonded with best MF resins, It has very high internal strength and is used mainly in the interiors of a home or office. It is suitable for making furniture like kitchen rooftops, wall mounted cabinets, file cabinets, doors, chairs and tables.

## Technical Specifications

Type : Com | Grade : Mr | Type of Treatment : Borax : Boric Acid

S.No	Parameters	IS Clause	Reqd. Value	Observations
1.	Workmanship & finishing Visual Defects & Finish	6.3.3 & 8.1.3	Visual	Block Boards Have smooth finishing & free from crack & surface defects nil.
2.	Dimensions in mm 2.1) Length	7.3	+6mm +0mm	+4mm
	2.2) Width		+3mm -0mm	+2mm
	2.3) Thickness		±5%	±2%
	2.4) Variation in thickness		0.50mm (Max.)	0.41mm
	2.5) Squareness		0.20% (Max.)	0.10
	2.6) % Edge Straightness		0.20% (Max.)	0.08
3(a)	Dimensional Change Caused by humidity at 90%	9.2.1	a) Shall No Delamination b) L=±1mm c) T=±1mm d) d/1<1/150	No Delamination 0.18mm 0.06mm 0.24/150
3(b)	Dimensional change caused by humidity at 40%	9.2.1	a) shall no Delamination b) L=±1mm c) T=±1mm d) d/1<1/150	no Delamination 0.07mm 0.01mm 0.16/150
4.	Resistance of water	9.2.2	min. Pass standard	Pass Standard
5.	Adhesion of Plies	9.2.3	Min. Pass standard	Pass standard
6.	Mycological Test	9.2.4	shall no visible sign separation	no visible sign separation
7.	Modulus of rupture N/mm <sup>2</sup>	9.2.5	Ind. 34 N/mm <sup>2</sup> (min.) Avg. 40N/mm <sup>2</sup> (min.)	41.32N/mm <sup>2</sup> 43.84N/mm <sup>2</sup>
		9.2.5	Ind. 3400 N/mm <sup>2</sup> (min.) Avg. 4000 N/mm <sup>2</sup> (min.)	4600.41N/mm <sup>2</sup> 4876.22 N/mm <sup>2</sup>
8.	Spot Test (Borax: Boric Acid)	9.2.6	show through & through penetration of chemicals	yellow colour turn to red colour i.e. positive to penetration of chemicals



**BWP GRADE BLOCK BOARD**

Black Cobra BWP Grade Block Board is boiling water proof block board bonded with best phenol formaldehyde resin that can endure extreme weather conditions and withstand alternate drying and wetting. It is borer and termite proof.

## Special Features of BWP Grade Blockboard

- BWP grade block board
- High load bearing capacity
- High water resistivity

## Applications

BWP Grade Block Boards are extensively used in making furniture, partitions, racks/shelves, shutters, and as under layments for decorative laminates etc. It is ideal for application in cupboards and load bearing horizontal panels.

## Technical Specifications

Type : Com | Grade : BWP | Type of Treatment : Borax : Boric Acid

S.No	Parameters	IS Clause	Reqd. Value	Observations
1.	Workmanship & finishing Visual Defects & Finish	6.3.3 & 8.1.3	Visual	Block Boards Have smooth finishing & free from crack & surface defects nil.
2.	Dimensions in mm 2.1) Length	7.3	+6mm +0mm	+5mm
	2.2) Width		+3mm	+1mm
	2.3) Thickness		-0mm ±5%	±2%
	2.4) Variation in thickness		0.50mm (Max.)	0.37mm
	2.5) Squareness		0.20% (Max.)	0.12%
	2.6) % Edge Straightness		0.20% (Max.)	0.10%
3(a)	Dimensional Change Caused by humidity at 90%	9.2.1	a) Shall No Delamination b) L=±1mm c) T=±1mm d) d/1-1/150	No Delamination 0.16mm 0.10mm 0.15/150
3(b)	Dimensional change caused by humidity at 40%	9.2.1	a) shall no Delamination b) L=±1mm c) T=±1mm d) d/1-1/150	no Delamination 0.01mm 0.05mm 0.18/150
4.	Resistance of water	9.2.2	min. Pass standard	Pass Standard
5.	Adhesion of Plies	9.2.3	Min. Pass standard	Pass standard
6.	Mycological Test	9.2.4	shall no visible sign separation	no visible sign separation
7.	Modulus of rupture N/mm <sup>2</sup>	9.2.5	Ind. 42N/mm <sup>2</sup> (min.) Avg. 50N/mm <sup>2</sup> (min.)	48.72N/mm <sup>2</sup> 52.31N/mm <sup>2</sup>
		9.2.5	Ind. 4500N/mm <sup>2</sup> (min.) Avg. 5000N/mm <sup>2</sup> (min.)	5005.41N/mm <sup>2</sup> 5241.72N/mm <sup>2</sup>
8.	Spot Test (Borax: Boric Acid)	9.2.6	show through & through penetration of chemicals	yellow colour turn to red colour i.e. positive to penetration of chemicals



**FILM FACE SHUTTERING PLYWOOD**  
(IS : 4990 : 2011)

## BWP Grade Filmface Shuttering Plywood

- Excellent moisture resistance
- Cost effective as it can be re-used
- Cross laminated structure between face veneer, core veneer & film enhances the strength of ply
- Smooth mirror like finish on both surfaces
- Anti-abrasive

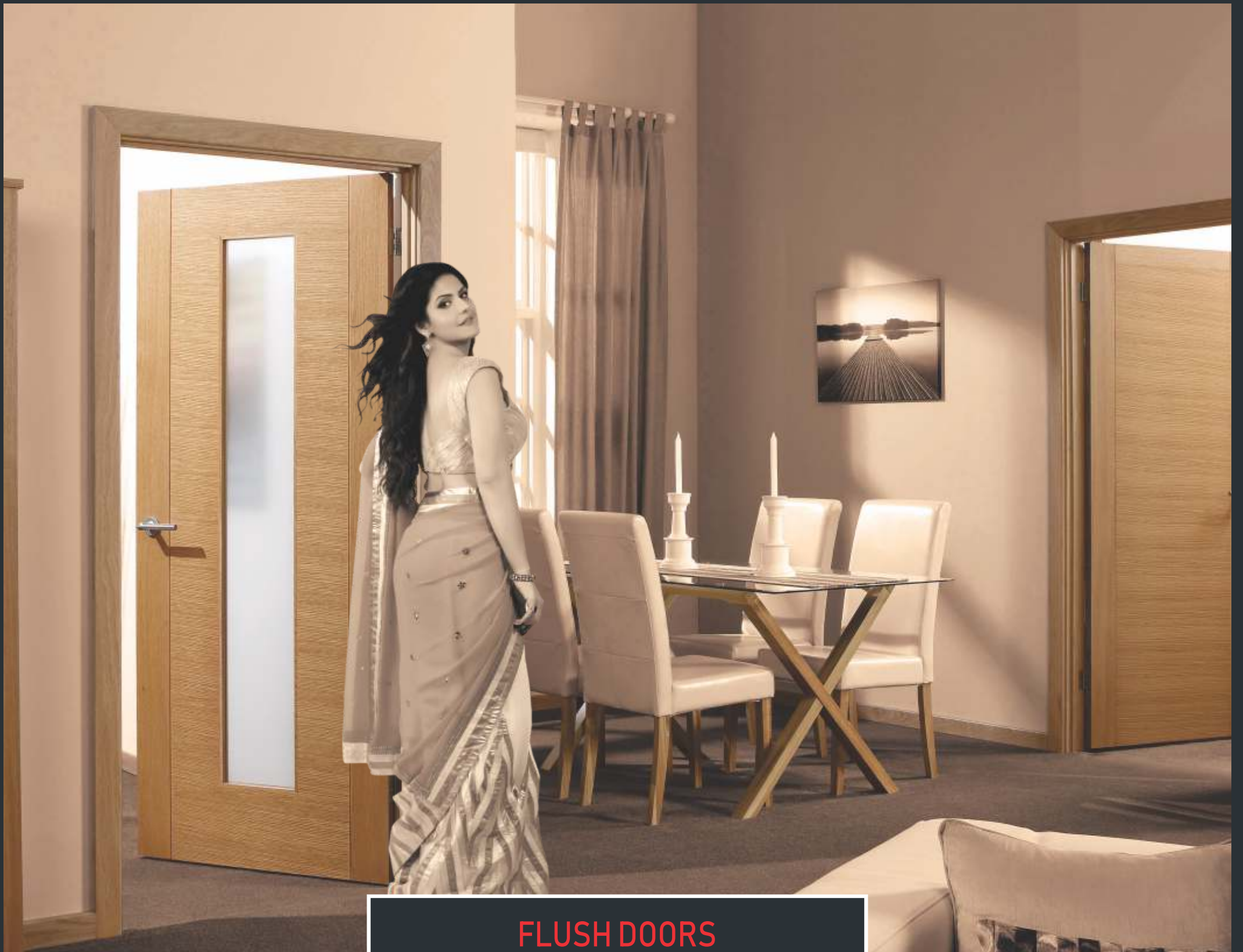
This plywood range is manufactured from superior quality wood, procured from the most reliable vendors in the industry. The offered Resin Coated Shuttering Plywood is thoroughly quality tested after the production is done. Our team of expert quality inspectors conduct the tests by employing requisite evaluation tools and equipment. They ensure that the entire range is durable, tough, and environment friendly.

## Applications

Black Cobra Film Faced Shuttering Plywood is most effective in RCC constructions. It is widely used in construction of bridges, flyovers, metro projects, ship building, water tanks, cooling towers, high rise buildings etc., which need maximum strength and security.

## Technical Specifications

S.No	Test Description	Clause No.	Specified Value	Observed Value
1.	workmanship & Finishing	8	The plywood for concrete shuttering work shall be smooth and the faces and back shall be free from harmful discoloration, pleats overlaps and loose knots. The edge shall be of smooth uniform finish. The faces of plywood for concrete shuttering work with plastic coating or with suitable overlay, shall be dense, smooth and without blisters and patch marks. It shall be of uniform colour.	Satisfactory Satisfactory Satisfactory
2.	% squareness		0.20% (Max.)	0.16
	% Edge Straightness		0.20% (Max.)	0.12
3.	%Moisture Content	10.1.1	5-15%	8.32
4.	Glue Adhesion in Dry state	10.1.2		
	a) Glue Shear Strength	10.1.2.1		
	1. Average		1350N (min.)	2953N
	2. Minimum Individual		1100N (min.)	2070N
	b) %wood failure	10.1.2.1	as per table-1	NA
	c) Adhesion of plies	10.1.2.2	Min. Pass Standard	Conforms
5.	Resistance to water test	10.1.3		
	a) Glue Shear Strength	10.1.3.1		
	1. Average		1000N (min.)	1810N
	2. Minimum Individual		1800N (min.)	1780N
	b) %wood failure	10.1.3.1	as per table-1	NA
	c) Adhesion of plies	10.1.3.2	Min. Pass Standard	Conforms
6.	Plastic coating/Overlay test	10.1.4	shall not show any softening, checking, cracking or deterioration	
7.	Mycological test			
	a) Edge of Specimen	10.1.5	shall no separation at the edge of the veneers	Conforms
	b) Glue shear strength	10.1.5.1		
	1. Average		1000N (min.)	1902N
	2. Minimum Individual		800N (min.)	1890N
	c) % wood Failure	10.1.5.1	As per table-1	NA
	d) Adhesion 10.1.5.2		min. pass standard	Conforms
8.	Tensile Strength	10.1.6		
	1. Along the grain		32.5N/mm <sup>2</sup> (min.)	46.70
	2. Across the grain		22.5N/mm <sup>2</sup> (min.)	39.00
	3. Sum of both directions		60.0N/mm <sup>2</sup> (min.)	85.70



**FLUSH DOORS**  
(IS : 2202 : (PART : 1) 1999)

Black Cobra Flush Doors are stylish, durable, environment friendly, and nominally priced, which make them one of the most sought after products among our global clients. Our quality management schemes begin as soon as we acquire the raw inputs from our vendors. These inputs are used in the manufacturing stages only after their superior properties are confirmed by our quality testers. The expert quality inspectors hired by our organisation not only supervise the production stages, they also test the finished output to confirm that the Decorative Flush Doors are devoid of any manufacturing flaws.

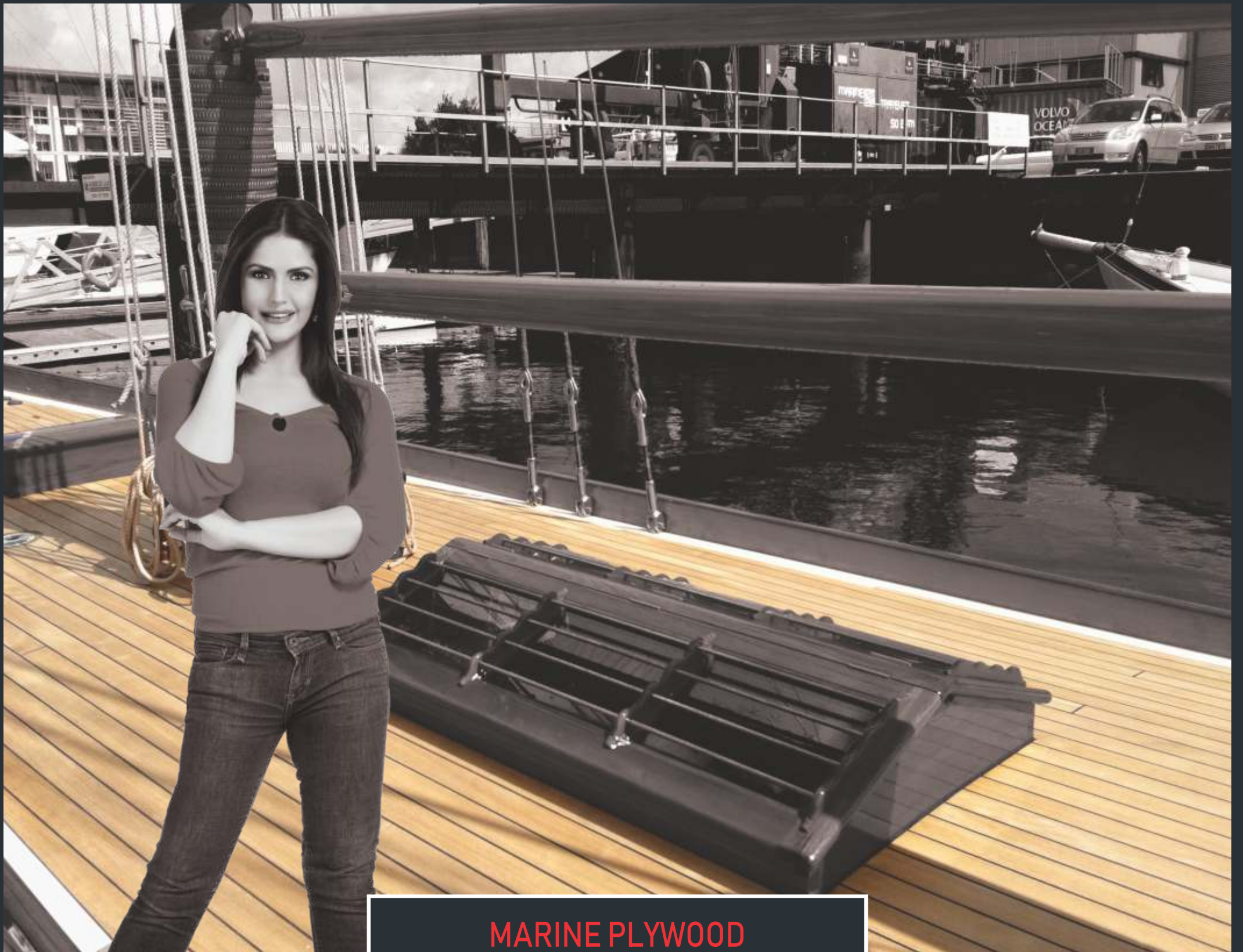
- Dimensionally stable
- Highly durable
- Termite & borer resistant
- Water & weather proof
- Excellent finish

## Applications

Flush doors are used as doors for exterior and interiors of buildings.

## Technical Specifications

S.No	Parameters	Reqd. Value	Observed Value
1.	workmanship & Finishing	Visual	Wooden flush door shutters have smooth & free from crack.
2.	Dimensions		
	2.1) Height	±5mm	±2mm
	2.2) Width	±5mm	±1mm
	2.3) Thickness	±1mm	±0.5mm
	2.4) Variation in Thickness	0.80mm (max.)	0.31mm
	2.5) % Squareness	1mm (max.)	0.50mm per 500mm
3.	General Flatness Test		
	3.1) Twist	Not to Exceed 6mm	1mm
	3.2) Cupping	Not to Exceed 6mm	1mm
	3.3) Warping	Not to Exceed 6mm	1mm
4.	Local Planeness Test	0.50mm (max.)	0.37mm
5.	End Immersion Test	Shall No Delamination	No Delamination
6.	Glue Adhesion Test	Shall No Delamination	No Delamination
7.	Knife Test	Min. Pass Standard	Pass Standard
8.	Impact Indentation Test	Shall No Cracking, Tearing or No Delamination	No Cracking, Tearing or No Delamination
	Depth of Indentation	0.20mm (max.)	0.16mm
9.	Slamming Test	Shall No Visible Cracks Or No Damage	No visible Cracks or No Damage
10.	Flexure Strength		
	10.1) After Loading 50Kg	53.30mm (max.)	42.80mm
	10.2) After Load Removal	5.33mm (max.)	2.5mm
11.	Shock Resistance Test		
	11.1) Soft and Light Body	Shall No Visible Damage	No Visible Damage
	11.2) Soft and Heavy Body Impact	Shall No Visible Damage	No Visible Damage
12.	Buckling Test		
	After 5min. of 40Kg Loading	50mm (max.)	38mm
	15min. After Loading Removal	5mm (max.)	1.5mm
13.	Edge Loading Test		
	13.1) After 15min. of 100Kg Loading	5mm (max.)	2.0mm
	13.2) 3min. After Load Removal	0.50mm (max.)	0.31mm
	13.3) Lateral Buckling	2.0mm (max.)	NIL
	13.4) Residual Buckling	NIL	NIL
14.	Screw Withdrawal Test		
	14.1) On the Face (N)	1000N (min.)	1610N
	14.2) Along the Edges (N)	1000N (min.)	1570N
	14.3) Surface Condition	Shall No Visible Damage	No Visible Damage
15.	Misuse Test	Shall No Visible Damage	No Visible Damage
16.	Varying Humidity Test		
	16.1) Visual Observation	Shall Not be any Visible Warping, Twisting or Delamination	Confirm
	16.2) Departure From General planeness	1.0mm (max.)	0.36mm
	16.3) Recovery of the Original size	90% (min.)	92%



**MARINE PLYWOOD**  
(IS : 710 : 2010)



Black Cobra Marine Plywood is the outcome of a perfect amalgamation of excellent quality raw inputs, advanced technology and expertise of our diligent team. While manufacturing the Marine Grade Plywood, we make sure that all the stages such as gluing, cold pressing, hot pressing, sanding, are carried out under the instructions of experts. The finished plywood is examined for ideal dimensions, visual imperfections and quality finish before stamping it with Black Cobra hallmark.

## Special Features of Marine Plywood

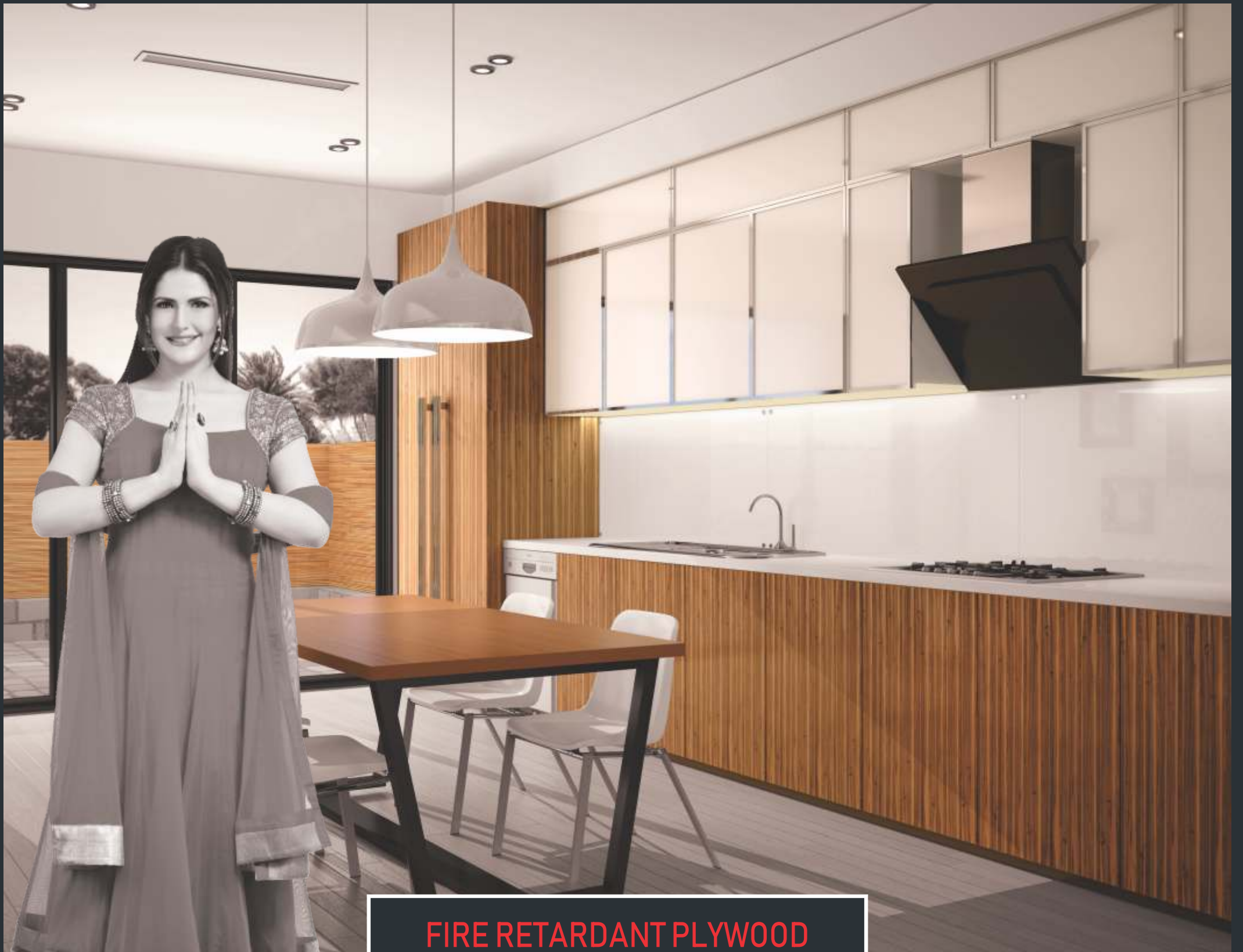
- High tensile strength
- Dimensionally stable
- High endurance
- Zero warping
- Excellent surface finishing
- Microbial decay resistant
- Easy maintenance

## Applications

Marine plywood is used extensively as building material in marine setting, such as on ships or at docks as it performs well in humid conditions or anywhere it will receive prolonged exposure to moisture. It is also used in bathroom and kitchen walls and sub-flooring.

## Technical Specifications

S.No	Parameters /Test	Specified Value	Black Cobra Test Results
1	Workmanship & Finishing	The Marine Plywood shall be smooth and the faces and back shall be free from harmful discolouration, peats, overlaps and loose knots. The edge shall be of smooth uniform finish. The faces of plywood shall be smooth and without blisters and patch marks. it shall be of uniform colour.	----- Satisfactory Satisfactory Satisfactory
2	Dimensions	Length = + 6mm - 0 mm Width = + 5mm - 0 mm Thickness = ±5%	+ 3mm + 1mm In Limits
	% Squareness	0.20% (Max.)	0.01
	% Edge Straightness	0.20% (Max.)	0.07
3	% Moisture Content	5-15%	8.64
4	Glue Adhesion in Dry State		
	a) Glue Shear Strenght		
	1. Average	1350 N (Min.)	2710 N
	2. Minimum Individual	1100 N (Min.)	2280 N
	b) % wood failure	As per Table -1	WF>50%
	c) Adhesion of Plies	Min. Pass Standard	Conforms
5	Resistance to Water Test		
	a) Glue Shear Strenght		
	1. Average	1000N (Min.)	1630N
	2. Minimum Individual	800N (Min.)	1580N
	b) % wood failure	As per Table-1	WF>50%
	c) Adhesion of Plies	Min. Pass Standard	Conforms
6	Mycological Test		
	a) Edge of Specimen	Shall no separation at the edge of the veneers	Conforms
	b) Glue Shear Strenght		
	1. Average	1000N (Min.)	1810N
	2. Minimum Individual	800N (Min.)	1600N
	c) % wood failure	As per Table-1	WF>50%
	d) Adhesion of Plies	Min. Pass Standard	Conforms
7	Tensile Strength		
	1. Along the Grain	42.0N/mm <sup>2</sup> (Min.)	58.00
	2. Across the Grain	25.0N/mm <sup>2</sup> (Min.)	40.02
	3. Sum of Both Directions	84.0N/mm <sup>2</sup> (Min.)	98.02
8	Retention of Preservation CCB Treatment	12Kg/m <sup>3</sup>	13.41



**FIRE RETARDANT PLYWOOD**  
(IS : 5509)

Black Cobra Fire Proof Ply has low flammability and it generates no smoke. It resists fire ignition and surface penetration. It is totally non-hygroscopic and does not corrode. It can be machine cut with ordinary tools. Black Cobra Fire Proof Ply is treated with three-stage preservation for deeper penetration.

## Fire Retardant Plywood

- Fire resistant
- Fungi, termite & borer resistant
- Dimensionally stable
- Low maintenance cost
- Corrosion proof

## Applications

Widely used in room and wall lining, vehicle bodies, interiors, exhibitions stalls, boiler houses, auditoriums, railway coaches, partition panelling, office cubicles, kitchens and public food stalls.

## Technical Specifications

S.No.	Test Prescribed	Observed Value
1	Moisture Content Test	10%
2	Glue Shear Strength	1450kg/cm <sup>2</sup>
3	Water Resistance Test	1150 Newton
4	Mycological Test	1200 Newton
5	Adhesion of Piles	Excellent
6	Bending Strength	480kg/cm <sup>2</sup>
7	Tensile Strength	650kg/cm <sup>2</sup>
8	Flammability	40 minutes
9	Flame Penetration Test	45 minutes
10	Rate of Burning	50 minutes
11	Screw Withdrawl	1000N
12	Specific Gravity	0.65-0.70
13	Hygroscopicity kept at about 90%	
14	Relative Humidity for a fortnight	12-14%
15	Screw Holding Strength	1500 Newton
16	Nail Holding Strength	1000 Newton
17	Retention of fire-retardant chemicals	20-25kg/m <sup>3</sup>



**CHEQUERED PLYWOOD**

## Black Cobra Chequered Plywood

Black Cobra Densified Chequered Plywood is made by using the best quality wood veneer. Veneers are impregnated with high quality synthetic resins and are compressed at very high specific pressure.

### Special features of black cobra Chequered Plywood

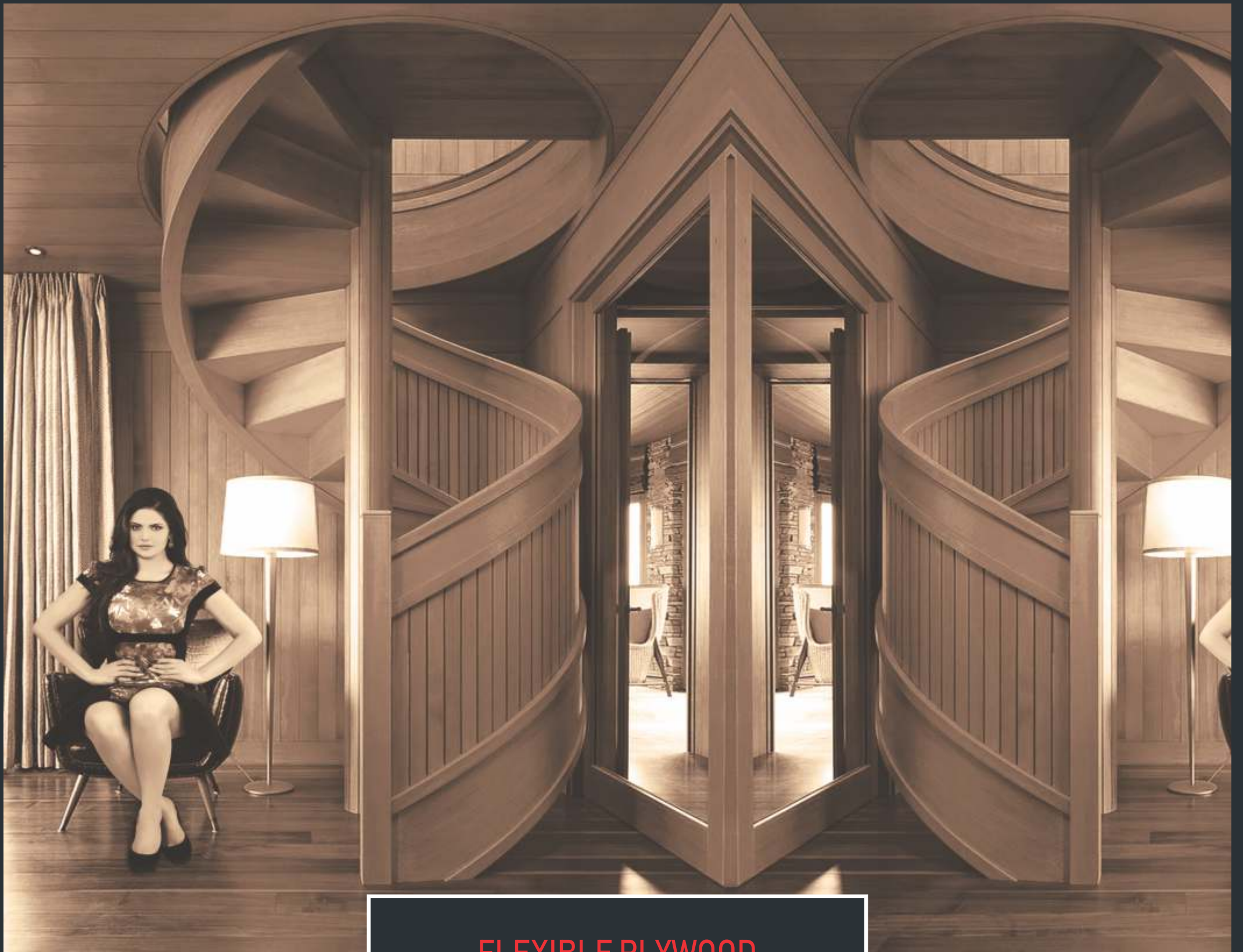
- Eco friendly
- High resistance to cracking
- Immaculate finish
- Excellent dimensional stability
- Anti-skid surface
- High tensile strength
- Durable
- Excellent compressive Strength

### Applications

Black Cobra Chequered Plywood is a multi-functional product. It can be used in panelling, Flooring and for decorative and industrial purposes etc. The chequered surface provides anti-slippage and high strength due to which, it Finds most suitable in Flooring of heavy vehicles and large containers.

### Technical Specifications

	Dimensions	Results
1.	Length	2444
2.	Width	1222
3.	Thickness	12.2
4.	Squareness	0.2mm/1000mm
5.	Edge Straightness	0.2mm/1000mm
6.	Workmanship & finish	Excellent
7.	Physical Properties	
8.	Density	840kg/CBM
9.	Moisture Content	8.5%
	Bond Quality Test	a) No Visible delamination in glue line and plywood face b) No forcible separation and fibre should be adhered between plies
	Boiling - Drying @ 60+ _2°c	
	4 Hrs. - 20 Hrs. Three Cycles	
10.	Breaking Strength	200kgf
	250 x 50 x Thickness(mm)	
11.	Static Bending Strength	
	Along the grain M.O.E.	Avg. -7500N/mm Ind. - 6700N/mm
	Across the grain M.O.E.	Avg. - 4000N/mm Ind. - 3600N/mm
	Along the grain M.O.R.	Avg. - 50N Ind. - 45
	Across the grain M.O.R.	Avg. - 30 Ind. - 27
12.	Tensile Strength as per ASRTU	Along 420kg/cm Across 325kg/c Total 745kg/cm



**FLEXIBLE PLYWOOD**

## Black Cobra **Flexible Plywood**

Black Cobra Flexible Plywood is highly bendable owing to which it is used in interior decoration and for making the curved parts of any furniture. It is environment friendly, has high endurance.

### **Flexible Plywood**

- Joint free surface
- Good gluing properties
- can be bent to minium radius as low as 10 inches
- Heat forming or water treatment not required
- Self-supporting structure, which does not need special support

### **Applications**

can be Used in a variety of cabinet applications, curved furniture parts and fixtures such as displays in departmental stores, restaurants, commercial buildings and construction of spiral stairways.

A woman with long dark hair, wearing a black saree with gold borders and a matching blouse, stands in a modern kitchen. The kitchen features light-colored wood cabinets with frosted glass inserts, a black countertop, a stainless steel sink with a curved faucet, a black range hood, and a gas stove. The scene is lit with warm, ambient lighting.

**ALUMINIUM CLADED PLYWOOD**



## Aluminium Cladded Plywood Sheets

The premium grade of our Aluminium Cladded Plywood is highly sought after in the domestic as well as overseas market for its high quality standards. These are manufactured from excellent quality wood veneer and aluminium.

### Applications

Aluminium Cladded Plywood is primarily used in bus flooring and stairs in domestic applications.

A woman with long dark hair, wearing a brown top and dark jeans, is sitting cross-legged on a bed. She has her hands clasped in front of her and is smiling at the camera. The bedroom features a wooden bed frame, a wooden nightstand with a lamp, a wooden dresser, and a wooden chest of drawers. The room is well-lit with natural light from a window. The text "100% GURJAN PLYWOOD" is overlaid in a red box at the bottom of the image.

100% GURJAN PLYWOOD

## 100% Gurjan Plywood

Manufactured from the best logs procured from a trustworthy vendor base, our Gurjan Plywood is known for its extreme durability under any conditions and environment.

### Special Features of 100% Gurjan Plywood

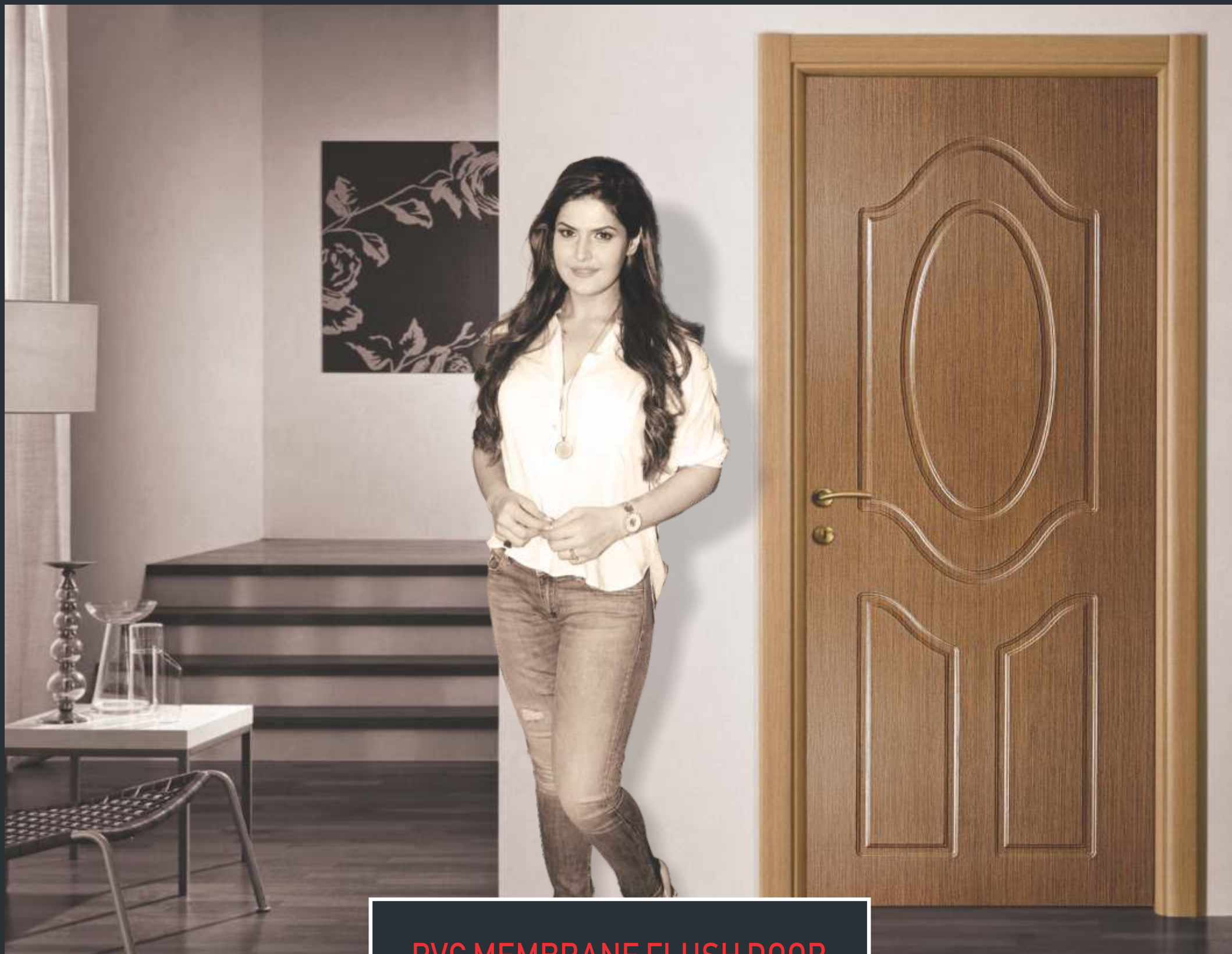
- Excellent tensile strength
- Anti-abrasive
- Chemical resistant
- Heat & water resistant

### Applications

The excellent quality of this range makes it widely useful in a number of varied applications, such as construction works & furniture works etc.

### Technical Specifications

Prescribed Test - ISI 710	Criteria	Observed Value
Moisture Content (%)	5-15%	9.2
Density (Kg/m <sup>3</sup> )	Not Specified	811KG/CBM
Glue Adhesion in Dry State	Min 1350	1507
Resistance to Water	Min 1000	1233
Static Bending Strength (N/MM2)		
Parallel to Grain	Min 50	63.4
Perpendicular to Grain	Min 30	46.0
Wet Static Bending (N/MM2)		
Parallel to Grain	Min 25	36.4
Perpendicular to Grain	Min 22	28.1
Tensile Strength (N/MM2)		
Parallel to Grain	Min 40	55.7
Perpendicular to Grain	Min 25	34.5



**PVC MEMBRANE FLUSH DOOR**

Black Cobra PVC Doors are made up of the finest quality, imported rigid PVC sheet fibre boards. These doors are aesthetically beautiful and highly durable. These are available in solid colours, metallic effect in smooth, textured and glossy finish. These doors can be laminated with PVC sheet on single or both sides. These doors can be easily fitted anywhere into the frames as per your requirement.

## PVC Membrane Flush Door

- High weather resistance
- Rugged construction
- Termite/borer resistance
- Zero maintenance
- Economical
- Striking looks

## Applications

PVC Membrane Flush Door finds wide application in construction of residential buildings as well as offices for its perfectly carved designs, easily cleanable feature, easy installation, and high durability.

## Technical Specifications

S.No.	Test	ISI Requirements	Test Result
1	Dimensions & Squareness	Length +0/mm Width +0/mm Thickness +1mm Squareness: not more than 1mm per 500mm length	+3mm +2mm +6mm .5mm
2	General flatness	6mm.	2.0mm
3	Local Planeness	0.5mm	0.2mm
4	Impact indentation	0.2mm	0.10mm
5	Flexure Test	Max. Deflection 5mm Max.	Deflection 3mm
6	Edge Loading Test	Residual Reflection 0.5mm Lateral buckling 2mm	Residual Reflection .25mm 1mm
7	Shock Resistance Tests	should withstand 5 impacts	Can withstand 10 impacts
8	Misuse Tests	No permanent deformation	No permanent deformation
9	End immersion Tests	No Delamination	No Delamination
10	Knife/Glue Adhesive Test	Pass standard	Excellence
11	Screw Withdrawal	1000N	1800N
12	Slamming Tests	No Visible Damage after 50 Drops	No Damage
13	Buckling Test	Pass Standard	Excellent



**Black Cobra**  
**PVC Membrane Flush Door**



1001



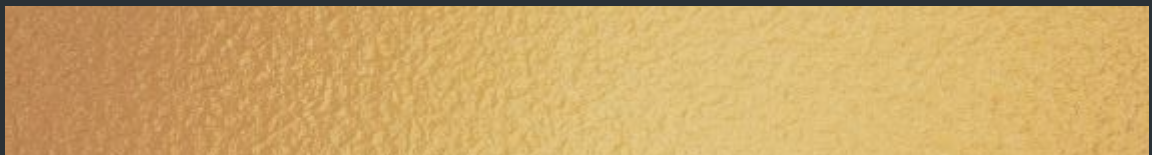
1002



1003



1004



**Black Cobra**  
**PVC Membrane Flush Door**



1005



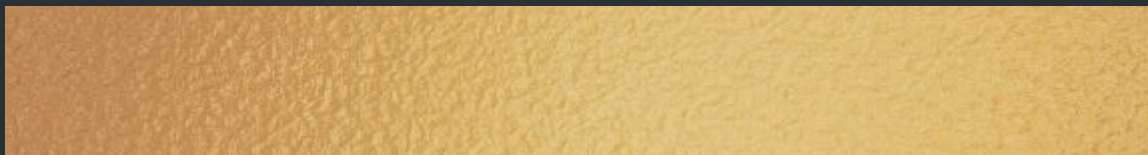
1006



1007



1008





**Black Cobra**  
**PVC Membrane Flush Door**



1009



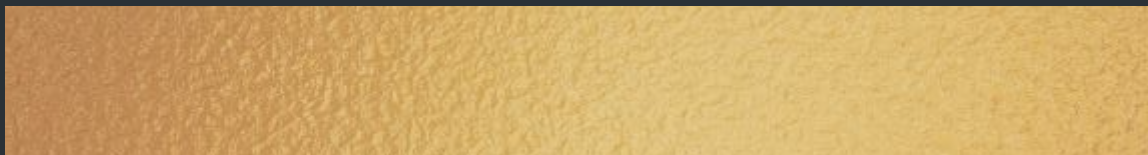
1010



1011



1012





**Black Cobra**  
**PVC Membrane Flush Door**

**Premium Range :**



9096-1  
Horizontal Wenge



3274-AH  
Metallic Wenge

**Other shades :**



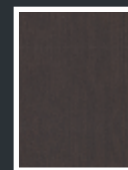
8064  
Wenge



3259 Brown  
Wenge



6614  
Sapelli



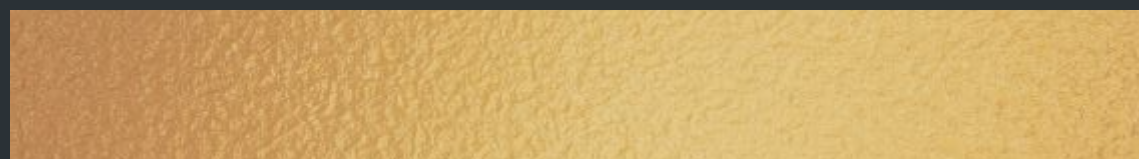
2093  
Line Wenge



1372/37  
River Teak



48100  
Wall Net





**FACTORY TEST REPORT  
WOODEN FLUSH DOOR SHUTTERS  
IS:2202: (Part 1), 1999  
CML NO. 9360378**

Size : 1905 x 800 x 30mm      Dated : 14 May 2017  
 Type of Treatment : BN (Modular Size)  
 Designation : 9 DS 20  
 Control Unit No. : 11  
 Date of MFG : 07-04-2017

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Wooden Flush Door Shutters have smooth finishing & free from crack
2.	Dimensions	L = ±5mm W = ±5mm T = ±1mm	1908mm 802mm 30.28mm to 30.74mm
	Variation in Thickness	0.80mm	0.46mm
	% Squareness	0.20% (Max)	0.12

Remarks:- Sample Pass      For Punjab Plywood Industries

Signature of QCP.      Partner

**FACTORY TEST REPORT  
MARINE PLYWOOD IS:710:2010  
CML NO. 9360378**

Size : 1840 x 760 x 12mm      Dated : 14 May 2017  
 Type of Treatment : ACC Treated  
 Control Unit No. : 09  
 Date of MFG : 07-04-2017

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Plywood have smooth finishing & free from crack
2.	Dimensions	Length= ±6mm -0mm Width= +3mm -0mm Thickness= ±5%	1842mm 762mm 12.14mm to 12.43mm
	% Squareness	0.20% (Max)	0.12
	% Edge Straightness	0.20% (Max)	0.11
3.	% Moisture Content (By Moisture Meter)	5-15%	10.00%

Remarks:- Sample Pass      For Punjab Plywood Industries

Signature of QCP.      Partner

**PLYWOOD FOR GENERAL PURPOSE IS:303:1989  
CML NO. 9207067  
FACTORY TEST REPORT**

Dimensions : 1840 x 920 x 12mm      Dated : 14 May 2017  
 Type : AA  
 Grade : MR  
 Control Unit No. : 11  
 Date of MFG : 07-04-2017

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Plywood have smooth finishing & free from crack
2.	Dimensions	Length= ±6mm -0mm Width= ±3mm -0mm Thickness= ±5%	1843mm 923mm 12.17mm to 12.46mm
	% Squareness	0.20% (Max)	0.05
	% Edge Straightness	0.20% (Max)	0.07
3.	% Moisture Content (By Moisture Meter)	5-15%	8.00

Remarks:- Sample Pass      For Punjab Plywood Industries

Signature of QCP.      Partner

PUNJAB PLYWOOD INDUSTRIES  
Bhagat Road, Yamunanagar-151001 (HARYANA)  
**FACTORY TESTING REPORT IS:4950**

REPORT NO: PPI/00127      DATE OF TEST START: 03.05.17  
WORKER NAME: AAKASH      DATE OF TEST END: 03.05.17

GRADE: MR      BOARD TYPE: MR

CONTROL UNIT NO: 11      DATE OF MFG: 16-04-2017

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Plywood have smooth finishing & free from crack
2.	Dimensions	Length= +6mm -0mm Width= +5mm -0mm Thickness= ±5%	2442mm 1222mm 12.18mm to 12.41mm
	% Squareness	0.20% (Max)	0.07
	% Edge Straightness	0.20% (Max)	0.05
3.	% Moisture Content (By Moisture Meter)	5-15%	8.00

Remarks:- Sample Pass      For Punjab Plywood Industries  
Signature of QCP.      Partner

VARIATION REPORT of IS: 258 (revised 20/07/08)  
BLOCK BOARD IS:1659/2004  
CML NO. 9266974

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Block-Boards have smooth finishing & free from crack
2.	Dimensions	Length= +6mm -0mm Width= +5mm -0mm Thickness= ±5%	1842mm 1222mm 19.16mm to 19.48mm
	Variation in Thickness	0.50mm	0.32mm
	% Squareness	0.20% (Max)	0.07
	% Edge Straightness	0.20% (Max)	0.05

Remarks:- Sample Pass      For Punjab Plywood Industries  
Signature of QCP.      Partner

FACTORY TEST REPORT  
BLOCK BOARDS IS:1659/2004  
CML NO. 9266974

Size : 1840 x 1220 x 19mm      Dated : 14 May 2017  
Type : COM  
Grade : MR  
Type of Treatment : Borax Boric Acid Composition  
Control Unit No. : 14  
Date of MFG : 06-04-2017

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Block-Boards have smooth finishing & free from crack
2.	Dimensions	Length= +6mm -0mm Width= +5mm -0mm Thickness= ±5%	1842mm 1222mm 19.16mm to 19.48mm
	Variation in Thickness	0.50mm	0.32mm
	% Squareness	0.20% (Max)	0.07
	% Edge Straightness	0.20% (Max)	0.05

Remarks:- Sample Pass      For Punjab Plywood Industries  
Signature of QCP.      Partner

FACTORY TEST REPORT  
VENEERED DECORATIVE PLYWOOD IS:1328/1996  
CML NO. 9255381

Size : 2440 x 1220 x 12mm      Dated : 14 May 2017  
Type : 2  
Grade : MR  
Control Unit No. : 11  
Date of MFG : 16-04-2017

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Plywood have smooth finishing & free from crack
2.	Dimensions	Length= +6mm -0mm Width= +5mm -0mm Thickness= ±5%	2442mm 1222mm 12.18mm to 12.41mm
	% Squareness	0.20% (Max)	0.07
	% Edge Straightness	0.20% (Max)	0.05
3.	% Moisture Content (By Moisture Meter)	5-15%	8.00

Remarks:- Sample Pass      For Punjab Plywood Industries  
Signature of QCP.      Partner

VARIATION REPORT of IS: 258 (revised 20/07/08)  
BLOCK BOARD IS:1659/2004  
CML NO. 9266974

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Block-Boards have smooth finishing & free from crack
2.	Dimensions	Length= +6mm -0mm Width= +5mm -0mm Thickness= ±5%	1842mm 1222mm 19.16mm to 19.48mm
	Variation in Thickness	0.50mm	0.32mm
	% Squareness	0.20% (Max)	0.07
	% Edge Straightness	0.20% (Max)	0.05

Remarks:- Sample Pass      For Punjab Plywood Industries  
Signature of QCP.      Partner

VARIATION REPORT of IS: 258 (revised 20/07/08)  
BLOCK BOARD IS:1659/2004  
CML NO. 9266974

S.No.	Parameters	Reqd. Value	Observations
1.	Workmanship & Finishing	Visual	Block-Boards have smooth finishing & free from crack
2.	Dimensions	Length= +6mm -0mm Width= +5mm -0mm Thickness= ±5%	1842mm 1222mm 19.16mm to 19.48mm
	Variation in Thickness	0.50mm	0.32mm
	% Squareness	0.20% (Max)	0.07
	% Edge Straightness	0.20% (Max)	0.05

Remarks:- Sample Pass      For Punjab Plywood Industries  
Signature of QCP.      Partner



**भारतीय मानक ब्यूरो**  
BUREAU OF INDIAN STANDARDS

Address: SCO 335-336, Sector 34-A  
Chandigarh  
160022  
Phone: 0172-260683, 2624136  
Fax: 0172-260683, 2620325  
Email: bisi@bisi.org.in  
Web: http://www.bis.org.in

NORTHERN REGIONAL OFFICE  
Marks Department Chandigarh - I

ATTACHMENT TO LICENCE NO. CML- 9360378

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
9360378	PUNJAB PLYWOOD INDUSTRIES VILLAGE KAM MAHA, KHARU ROAD, YAMUNANAGAR YAMUNANAGAR Haryana 150001	Marine Plywood	IS 710: 2010

ENDORSEMENT NO. 12 Dated 08 /05 / 2017

Renewed for a further period of one year from Eighth May Two Thousand and Seventeen to Seventh May Two Thousand and Eighteen

Other terms and conditions of Licence remain the same.

( Deepak K Jain )  
Scientist E



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BUREAU OF INDIAN STANDARDS

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NORTHERN REGIONAL OFFICE  
HARYANA BRANCH OFFICE

ATTACHMENT TO LICENCE NO. CML- 9280974

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
9280974	PUNJAB PLYWOOD INDUSTRIES VILLAGE KAM MAHA, KHARU ROAD, YAMUNANAGAR YAMUNANAGAR Haryana 150001	Block Board	IS 1691: 2014

ENDORSEMENT NO. 16 Dated 05 /06 / 2017

Renewed for a further period of one year from Fifth June Two Thousand and Seventeen to Fourth June Two Thousand and Eighteen

Other terms and conditions of Licence remain the same.

( R P Jindal )  
S: C



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BUREAU OF INDIAN STANDARDS

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NORTHERN REGIONAL OFFICE  
HARYANA BRANCH OFFICE

ATTACHMENT TO LICENCE NO. CML- 9207067

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
9207067	PUNJAB PLYWOOD INDUSTRIES VILLAGE KAM MAHA, KHARU ROAD, YAMUNANAGAR YAMUNANAGAR Haryana 150001	Plywood for general purpose	IS 303: 1989

ENDORSEMENT NO. 14 Dated 13 /05 / 2017

Renewed for a further period of one year from Thirteenth May Two Thousand and Seventeen to Twelfth May Two Thousand and Eighteen

Other terms and conditions of Licence remain the same.

( R P Jindal )  
S: C



**भारतीय मानक ब्यूरो**  
BUREAU OF INDIAN STANDARDS

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Chandigarh  
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Fax: 0172-260683, 2620325  
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NORTHERN REGIONAL OFFICE  
Marks Department Chandigarh - I

ATTACHMENT TO LICENCE NO. CML- 9360277

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
9360277	PUNJAB PLYWOOD INDUSTRIES VILLAGE KAM MAHA, KHARU ROAD, YAMUNANAGAR YAMUNANAGAR Haryana 150001	Plywood for concrete-chasing work	IS 4090: 1993

ENDORSEMENT NO. 12 Dated 19 /04 / 2017

Renewed for a further period of one year from Nineteenth April Two Thousand and Seventeen to Eighteenth April Two Thousand and Eighteen

Other terms and conditions of Licence remain the same.

( Deepak K Jain )  
Scientist E



**भारतीय मानक ब्यूरो**  
BUREAU OF INDIAN STANDARDS

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Web: http://www.bis.org.in

NORTHERN REGIONAL OFFICE  
HARYANA BRANCH OFFICE

ATTACHMENT TO LICENCE NO. CML- 9292090

CML NO	NAME OF THE LICENSEE WITH ADDRESS	PRODUCT	IS NO
9292090	PUNJAB PLYWOOD INDUSTRIES VILLAGE KAM MAHA, KHARU ROAD, YAMUNANAGAR YAMUNANAGAR Haryana 150001	Wooden Flush door frames (solid core type) - Part I plywood core panels	IS 2302: Part 1: 1999

ENDORSEMENT NO. 13 Dated 27/07 / 2017

Renewed for a further period of one year from Twenty Seventh July Two Thousand and Seventeen to Twenty Sixth July Two Thousand and Eighteen

Other terms and conditions of Licence remain the same.

( Sapitya Sachdeva )  
S: B



हिन्दुस्तान परीक्षण प्राण  
**HINDUSTAN TEST HOUSE**

TEST REPORT  
HINDUSTAN PLYWOODS  
INDIA

Sl. No.	Item	Specification	Result
1	Manufacture & Grading	None	Match Sample Spec. as per IS 3090 & IS 3091.
2	Dimension	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm
3	Moisture Content	AS 1091 (IS 1702)	8.26% to 8.91%
4	Edge Stagger	AS 1091 (IS 1702)	2.00 to 2.00 mm
5	Stagger of Joints	AS 1091 (IS 1702)	200 to 200 mm
6	Surface Treatment	None	None
7	Dimensional Change	None	None
8	Visual Examination	None	None
9	Sound Test	None	None

हिन्दुस्तान परीक्षण प्राण  
**HINDUSTAN TEST HOUSE**

TEST REPORT  
HINDUSTAN PLYWOODS  
INDIA

Sl. No.	Item	Specification	Result
1	Manufacture & Grading	None	Match Sample Spec. as per IS 3090 & IS 3091.
2	Dimension	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm
3	Moisture Content	AS 1091 (IS 1702)	8.26% to 8.91%
4	Edge Stagger	AS 1091 (IS 1702)	2.00 to 2.00 mm
5	Stagger of Joints	AS 1091 (IS 1702)	200 to 200 mm
6	Surface Treatment	None	None
7	Dimensional Change	None	None
8	Visual Examination	None	None
9	Sound Test	None	None

हिन्दुस्तान परीक्षण प्राण  
**HINDUSTAN TEST HOUSE**

TEST REPORT  
HINDUSTAN PLYWOODS  
INDIA

Sl. No.	Item	Specification	Result
1	Manufacture & Grading	None	Match Sample Spec. as per IS 3090 & IS 3091.
2	Dimension	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm
3	Moisture Content	AS 1091 (IS 1702)	8.26% to 8.91%
4	Edge Stagger	AS 1091 (IS 1702)	2.00 to 2.00 mm
5	Stagger of Joints	AS 1091 (IS 1702)	200 to 200 mm
6	Surface Treatment	None	None
7	Dimensional Change	None	None
8	Visual Examination	None	None
9	Sound Test	None	None

हिन्दुस्तान परीक्षण प्राण  
**HINDUSTAN TEST HOUSE**

TEST REPORT  
HINDUSTAN PLYWOODS  
INDIA

Sl. No.	Item	Specification	Result
1	Manufacture & Grading	None	Match Sample Spec. as per IS 3090 & IS 3091.
2	Dimension	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm
3	Moisture Content	AS 1091 (IS 1702)	8.26% to 8.91%
4	Edge Stagger	AS 1091 (IS 1702)	2.00 to 2.00 mm
5	Stagger of Joints	AS 1091 (IS 1702)	200 to 200 mm
6	Surface Treatment	None	None
7	Dimensional Change	None	None
8	Visual Examination	None	None
9	Sound Test	None	None

हिन्दुस्तान परीक्षण प्राण  
**HINDUSTAN TEST HOUSE**

TEST REPORT  
HINDUSTAN PLYWOODS  
INDIA

Sl. No.	Item	Specification	Result
1	Manufacture & Grading	None	Match Sample Spec. as per IS 3090 & IS 3091.
2	Dimension	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm
3	Moisture Content	AS 1091 (IS 1702)	8.26% to 8.91%
4	Edge Stagger	AS 1091 (IS 1702)	2.00 to 2.00 mm
5	Stagger of Joints	AS 1091 (IS 1702)	200 to 200 mm
6	Surface Treatment	None	None
7	Dimensional Change	None	None
8	Visual Examination	None	None
9	Sound Test	None	None

हिन्दुस्तान परीक्षण प्राण  
**HINDUSTAN TEST HOUSE**

TEST REPORT  
HINDUSTAN PLYWOODS  
INDIA

Sl. No.	Item	Specification	Result
1	Manufacture & Grading	None	Match Sample Spec. as per IS 3090 & IS 3091.
2	Dimension	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm	1220x2440x18mm 1220x2440x18mm 1220x2440x18mm
3	Moisture Content	AS 1091 (IS 1702)	8.26% to 8.91%
4	Edge Stagger	AS 1091 (IS 1702)	2.00 to 2.00 mm
5	Stagger of Joints	AS 1091 (IS 1702)	200 to 200 mm
6	Surface Treatment	None	None
7	Dimensional Change	None	None
8	Visual Examination	None	None
9	Sound Test	None	None

## Our Prestigious Clients



## Dealer Network

J&K, HIMACHALPRADESH, HARYANA, PUNJAB, CHANDIGARH, MADHYAPRADESH, ORISSA, MAHARASHTRA, GUJARAT, DELHI (NCR), JHARKHAND, WESTBENGAL, KARNATKA, UTTRAKHAND, TAMILNADU, CHATTIGARH, UTTARPRADESH, RAJASTHAN, TELANGANA, ANDHRAPRADESH, NEPAL.



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