



**ORION
DOORS**
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6 Panel Masonite Door



MASONITE

Open to extraordinary.
AUTHORISED ASSEMBLER



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PRODUCT CATEGORIES



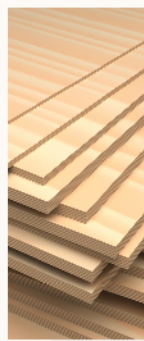
Skin Moulded Doors (Page 1-2-3-4)



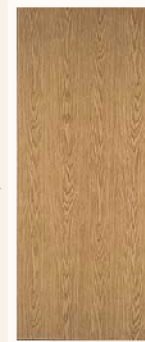
Laminated Doors (Page 7-8)



Prefab Doors (Page 11-12)



Plywoods (Page 14-18)



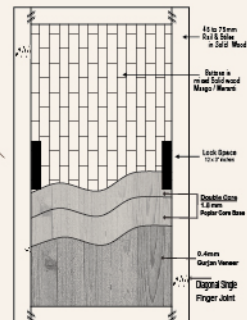
Flush Doors (Page 5-6)



Veneered Doors (Page 9-10)



Door Frames (Page 13)



Internal Construction(Page 19)

The Company

We are not just another door company. We are not like everybody else. We have worked within the door industry for more than 27 years. During this time we have established ourselves as a forward-thinking, innovative company with a mission to revolutionize the door industry. At Orion Doors, we have a strong set of beliefs that run through everything we do.

From a modest beginning with manufacturer of M R & BWR grade of Plywood Company, today it has a product range which practically covers all segments of its use & covers M R Grade, BWP & BWR Grade of Plywood, Block Board & Flush Door, Molded Panel Door, Pre-Fab Door, Laminated Doors and Door Frames. Our Strong Marketing organization & Depot, spread over the country assures quick & direct contact with Architect, Builders, Contractor, Institution, Consultants for any technical support, consultation, commercial negotiation, followed by execution.



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The Orion Difference

With an established reputation for commitment to innovative design, Unsurpassed craftsmanship and excellent client service, Orion Doors is committed to standing out from the crowd in the door industry.

Unlike most door suppliers in India, we manufacture all of our doors in our very own manufacturing facility. This not only allows us to control stock supply but it also allows us to have full control of the quality control process to ensure every door that leaves our factory is of the very highest standard.

We have rigorous quality control procedures in place to check every single door and we stand by this with a limited 5 Year Manufacturer Warranty on every single door.

Our team of highly skilled craftsmen, with the help of the latest state-of-the art technology, achieve a perfect finish to an exceptionally high standard and lasting quality to every single door. Our team are able to offer bespoke doors to meet your exact requirements– in any size and any finish. For more information about our bespoke design service please refer to last page.

Above all else, what truly makes us stand out from the rest is our customer care. We truly care about the experience our customers have when they deal with us. We welcome feedback and continually strive to offer unsurpassed customer care. We are a company that gives solutions, not problems.

ORION DOORS is the door that fits into every home; it is the solution for who is looking for a door with distinctive personality. The high quality level is guaranteed by the best raw materials, the research of the latest materials and timeless finishes. The design and production processes ensure a door suitable for all needs, always preserving the spirit of the brand.

The unique design allows the reversibility and a great ease of installation.

The innovative finishes represent the tendencies and inclinations to satisfy a challenging market.

All in a easy way





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3 Panel

The 3 Panel, with its straight-lined, three-panel format, can adapt as easily to a contemporary home as it can to one of more traditional design roots. The 3 Panel offers a modified cove and bead sticking profile, and comes in a textured woodgrain surface.

5 YEAR
LIMITED
WARRANTY





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2 Panel

Stunning looks and proven operation make this door a great choice for a variety of tastes. Square panels are set off beautifully with a unique arched top, adding subtle elegance to any closet, passageway or pantry.

5 YEAR
LIMITED
WARRANTY



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4 Panel

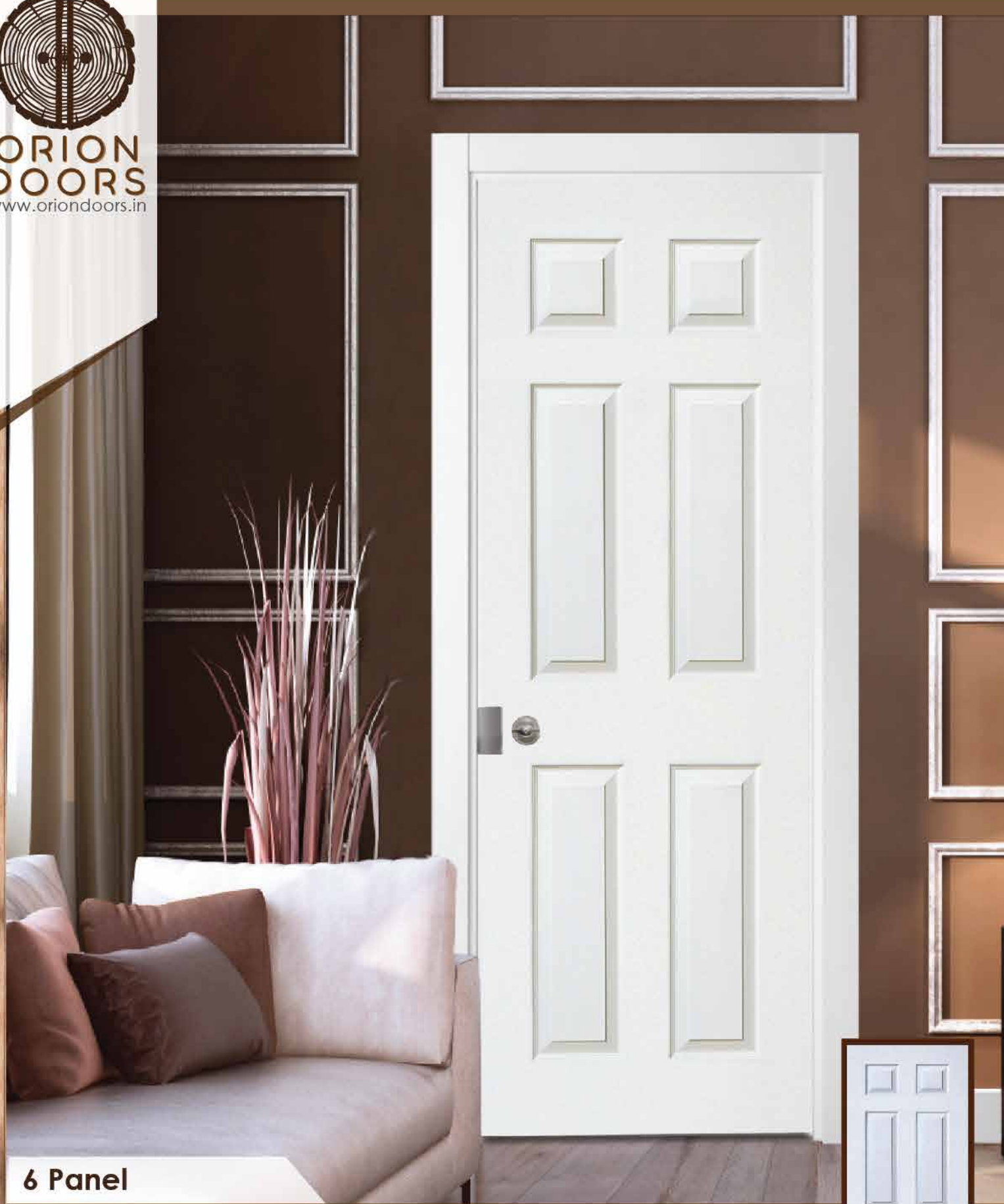
This traditional 4-panel door, reminiscent of Urban homes, fits beautifully in most any style of home. Subtle, flared top panels add visual interest. It's available primed and ready to paint whatever matches your personal style and color scheme.

5 YEAR
LIMITED
WARRANTY





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6 Panel

Distinguished by more than a quarter century of precise craftsmanship, it's no wonder this Classic interior door style has so many imitators. Its elegant 6-panel design is a perfect match for traditional homes.

5 YEAR
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Plain Flush Door with Grooving

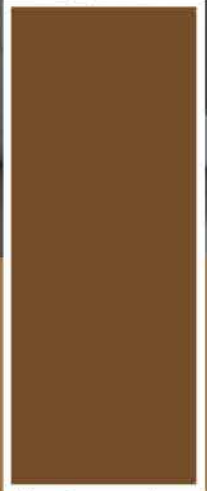
Orion Flush Doors are made with selected seasoned timber. The blockboard core is framed with seasoned hardwood battens and pressed at high pressure with Phenol formaldehyde resin under the cross-banding process.

Faces:

The face veneers are glued using phenol formaldehyde resin. Orion Flush Doors come with three types of faces.
(a) Both sides with commercial BWP-grade veneers. (b) One sides with commercial (suitable for painting), the other teak-veneered (suitable for polishing). (c) Both sides teak-veneered.

Frame and Lipping: All battens used for frames and lipping are from well-seasoned hardwood. If required, even teakwood lipping can be provided.
Single Leaf / Double Leaf: Orion Flush Doors are supplied either as single leaf or double-leaved. When double-leaved, the rebate-cutting is either splayed -type or square-type.

Available Thickness : 32mm , 35mm , 38mm and above





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Plain Skin Doors (Harmony Design)

The Plain Skin Door with its sturdiness equivalent to the Flush Door offers a fusion of elegant signature of design of skin door and robust attire of the flush Door. With a unique design of vertical as well as horizontal wavy textured it fits awesomely in any perfect home.

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PLD-9

Laminated Doors

Laminate Doors from ORION DOORS are the obvious choice of home owners due to their wide range of designs. The Flush Doors used to laminate are manufactured as per IS-2202 standard. The Laminates comes in plain design directly from reputed manufactures like **GREENLAM, MERINO, SILICON** and many others. Laminates brands are chosen as per the customer's requirements. Regular test are carried from our well equipped

Available Thickness : 32mm, 35mm , 38mm and above

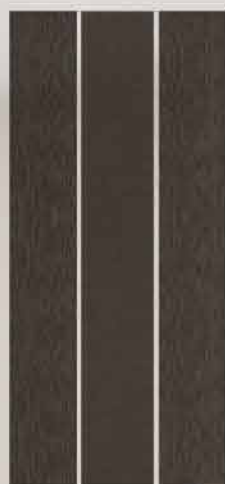
*DLD- Designer Laminated Door/ PLD- Plain Laminated Door



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DLD-51



DLD-52(A)



DLD-52(B)



DLD-53(A)



DLD-53(B)



DLD-53(C)



DLD-54



DLD-55(A)



DLD-55(B)



DLD-56(A)



DLD-56(B)



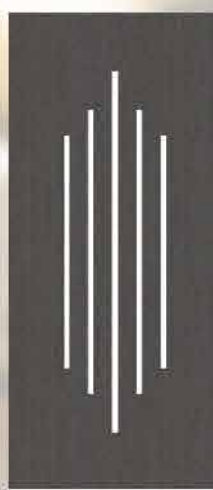
DLD-57(A)



DLD-57(B)



DLD-58



DLD-59

& variants. Due to their varied designs and shades available, it easily merges with every interior of any home. Products which are marked as **PLD** and Designer Laminates which are marked as **DLD**. All the laminates are procured from a specialized laboratory which perform rigorous quality test before it is certified to be sent to customers.

5 YEAR
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WARRANTY



VD-35

Vennergred Doors

We at **ORION DOORS** can capture virtually unlimited decorative styles and moods with veneered doors. The in environments. Cutting methods can produce different visual effects; from the multi patterned grain marking o The Flush Doors used to veneered are manufactured as per IS-2202 standard. All the Veneers are procured direc

Available Thickness : 35mm , 38mm and above



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VD-31



VD-32



VD-33



VD-34



VD-35



VD-35



VD-36



VD-37



VD-37



VD-38



VD-39



VD-40

A finite variety of grain and figure patterns, colors & textures can create the most beautiful and distinguished of a rotary cut to the series of stripes created when applying quarter cut veneers. Sourced directly from reputed manufactures like **GREEN, CENTURY, SONEAR** and many others.





PFD-29

Prefab Doors

Prefab Doors are the timeless beauty and durability that ensures natural and aesthetic appeal. It is the combination of traditional elegance and contemporary looks. Our Prefab Doors are well integrated with the optimally protect from the damage of bending, warping and borer.

Available Thickness : 35mm , 38mm and above



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PFD-21



PFD-22



PFD-23



PFD-24



PFD-25



PFD-26



PFD-27



PFD-28



PFD-29



PFD-30



PFD-31

on of both traditional & modern designs. At ORION DOORS we are delighted to offer you our Prefab Door for a tough & sturdy material. Our offered range is smoothly designed, perfectly treated and very well seasoned to

5 YEAR
LIMITED
WARRANTY



Door Frames

When it comes to building and assembling your home, nothing should be compromised. Choosing quality over anything else is not just preferential but also an indispensable component of personal safety and a sound home. That very principle has to be applied for strong doors and frames (or Chaukath) which will ensure a sturdy pedestal for your home. At ORION DOORS our wooden Door Frames, Door Jambs, Architraves and Railing range boasts one of the most extensive collections available. ORION DOORS wood door frames are all made from high quality kiln dried meranti timber. We have frames for either single or double opening doors. The range of Railing and Architraves made from solid Red Meranti and Burma Teak Wood will always add that finishing touch to any bespoke home and will complement and enhance your Interiors.

All our Door Frames are treated for anti-termite with ASCU chemical pressurized treatment for wood preservation and matched for colour and grain and are also free from worm holes, dead knots or other defects.

TESTING OF DOOR FRAMES

On receipt of door frames at site, the architect (Supervision) and Project Manager shall be entitled to get the sample of frames tested in any approved laboratory to check that the wood is as specified and the sample complies with the requirement of specifications as per IS: 1003 regarding seasoning treatment, moisture content etc. For each lot of approx 200 door frames, one door frame shall be selected at random for testing by the project Manager. The cost of replacement of door frames such as samples, their transportation to laboratory and cost of testing by the laboratory shall be borne by the contractor and shall be deemed to be included in the lump sum cost.



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Traditionally, Teak is popular in India on account of several advantages, it offers over other hardwood species. It is one among the few Indian Ring Porus Wood Species. Teak is a Naturally Durable timber having its own aesthetic appeal and most importantly offering Dimensional Stability (retention of shape) unmatched by any other indigenous or imported hardwood species. Hence, even after the introduction of several indigenous and imported ornamental species. Teak continues to enjoy the top position among Decorative Veneers and Teak Veneer Faced Plywood, BlockBoards and Flush Doors in our country. ORION offers Teak Veneer faced plywood to suit to customer's taste. Wood being non-homogenous in colour and texture Teak Wood is not an exemption. However to meet customer's requirements, grain pattern can be altered by flitching the Logs suitably. ORION Teak Veneer Faced Plywood is available in quarter cut/ crown cut or flat cut – in light, medium or dark grains. These are bonded with Melamine Urea Formaldehyde and or Phenol Formaldehyde Synthetic Resin. Thickness of the Teak Veneers varies form 0.35mm to 0.60mm.

Applications:

- Exotic furniture
- Doors
- Table Tops
- Ceilings
- Luxury Vehicles
- Panelling
- Bank / Hotel / Office Counters
- Partitions
- Wardrobes
- Yacht Building and for general interior Decorations



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MARINE PLYWOOD

Orion Marine Plywood is crafted from imported "Dipterocarpus" (Gurjan) Species of timber and is bonded with high quality Resorcinol Phenol Formaldehyde. Marine Plywood is impregnated to the core with preservative chemicals in 'Pressure Impregnation Treatment Plant', and therefore, it is highly resistant to borers and termites. The special properties of Orion Marine Plywood are that they are anti-warp and anti De-laminating in adverse conditions. It is most suitable for use in rigorous conditions and in the constructions of boats, kayaks, cooling towers, public hoardings, signboards, portable cabins, shelters, bridges, beams, and roofing.

This plywood is available in the standard sizes (in meters 2.44x1.22, 2.14x1.22, 1.84x1.22, 2.44x0.92, 2.14x0.92 and 1.84x0.92; and in thickness 6mm, 9mm, 12mm, 16mm and 19mm.

Technical Specification:

Parameters	Plywood BWP Marine grade IS:710:1976
Moisture Content (%)	8-10%
Glue Shear Strength (kg)	>135
Water Resistance test (kg)	>120 (tested after 72 hrs boiling)
Mycological Test (kg)	>100
Adhesion of plies	Excellent
Preservative Treatment (kg/cm ²)	>12
Modulus of Elasticity (kg (N/mm ²))	
Across face grain	>4000
Along face grain	>7500
Modulus of Rupture (N/mm ²)	
Across the grain	>30
Along the grain	>50
Specific gravity (gms/cc)	0.70 to 0.75
Tensile Strength (gm/cm ²)	>500
Compressive strength	>850
Water Absorption	<5%
Screw holding strength (kg)	>275
Nail holding strength (kg)	>150
Process complaint	ISO 9001, ISO 14001, OHSAS 18001, Euro CE
Timber Species	Gurjan
Sizes & Thickness	All standard sizes & thickness

IS: 710





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SHUTTERING PLYWOOD

Shuttering Plywood (IS: 4990) Orion offers a high quality Film Face Densified Shuttering Plywood IS 4990. It is a multi functional product, which can be used in construction industry for constructing buildings, bridges, heavy industry and structures etc. and also for the use on walls, slabs, columns and beams etc. In Orion Film Face Densified Shuttering Plywood, compression is about 60 % more as compared to any ordinary Film Face Shuttering Plywood available in the market. Extra compression leads to a better nailing and screw holding properties. Its load-bearing capacity is also enhanced due to extra compression. It is manufactured by selecting quality veneers impregnated with modified RPF resin for longer life and better performance in all applications. Impregnation of resin in veneers is more than 30 % of the weight of veneers. The surface of Shuttering plywood is overlaid with 180 GSM Phenol Impregnated Film. The sides are released by acrylic paint to preserve moisture absorption and swelling.

These are available in thickness of 12mm and weight in the range of 24kg, 30kg, 34kg and 38kg.

Technical Specification:

Parameters	Plywood Film Faced Shuttering IS:4990
Moisture Content (%)	8-10%
Olive Shear Strength (kg)	>135
Water Resistance test (kg)	>4
Mycological Test (kg)	>100
Adhesion of plies	Excellent
Preservative Treatment (kg/cm ²)	-
Modulus of Elasticity (kg (N/mm ²))	-
Across face grain	>4000
Along face grain	>7500
Modulus of Rupture (N/mm ²)	-
Across the grain	>30
Along the grain	>50
Specific gravity (gms/cc)	-
Tensile Strength (gm/cm ²)	>600
Compressive Strength	-
Water Absorption	<5%
Screw holding strength (kg)	>275
Nail holding strength (kg)	>150
Process compliant	ISO 9001, ISO 14001, OHSAS 18001, Turn CT
Timber Species	Hardwood
Size & Thickness	All standard size & thickness

IS: 4990





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PLYWOOD

During manufacturing of ORION plywood, certain preventive and corrective measures are taken to improve quality, like using selected hardwood veneers of uniform thickness and liquid PF Resin conforming to IS 848:1974. Special preservative treatments insulate the plywood against the attack from termites, borers and other wood pests. Made from quality wood, the plywood undergoes superior quality phenol bonding. Also, these plywoods confirm to ISI standards. Tropicalized, ideal for kitchen and other moisture-prone areas, BWR is a special quality combination of imported and Indian Veneers-bonded together to create a sturdy Ply - that is totally Boiling Water Proof. Special attention is also devoted to treat the ply, chemically, against termites and borers. Stress-relieving processes by use of superior grade hardwood & other production processes augment the antiwarp properties - keeping the product stable throughout its life. All tests in conformity with IS: 303

Technical Specification:

Parameters	Plywood BWR grade IS:303:1989	Plywood MR grade IS:303:1989
Moisture Content (%)	8-10%	8-12%
Glue Shear Strength (kg)	>135	>110
Water Resistance test (kg)	>110	>100
Mycological Test (kg)	>110	>100
Adhesion of plies	Excellent	Excellent
Preservative Treatment (kg/cm ²)	>12	>12
Modulus of Elasticity (kg/mm ²)	-	-
Across face grain	>3000	-
Along face grain	>6500	-
Modulus of Rupture (N/mm ²)	-	-
Across the grain	>30	-
Along the grain	>50	-
Specific gravity (gms/cc)	0.70 to 0.75	0.6
Tensile strength (gm/cm ²)	>420	>420
Compressive Strength	>850	>850
Water Absorption	<5%	<5%
Screw holding strength (kg)	>275	>200
Nail holding strength (kg)	>150	>50
Process compliant	ISO 9001, ISO 14001, IS:9001, IS:14001, CNSA 18001, ISO CE	ISO 9001, ISO 14001, CNSA 18001, ISO CE
Timber Species	Gurjan	Gurjan
Size & Thickness	All standard size & thickness	All standard size & thickness

IS: 303





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BLOCK BOARD

Orion block boards are made in moisture resistant & boiling water resistant grade. The wooden battens are seasoned in scientifically run seasoning kiln plants and then get plain with the four sided precision planer to obtain the uniform thickness of battens. These battens are systematically arranged and care is taken to avoid any gap between the battens. Regular test are conducted to maintain the quality of block boards as per relevant standards. Application: Furniture and partition, panels, beaded doors, interiors of portable houses, bins and racks.

Size (In feet): 6x3, 7x3, 8x3, 6x4, 7x4, 8x4, 7x5, 8x5

Thickness: 19mm

Technical Specification:

Parameters	Block Board MR grade IS:1659 : 2004	Block Board BWP grade IS:1659:2004
Moisture Content (%)	10-12%	10-12%
Glove Shear Strength (kg)	-	-
Water Resistance test (kg)	no delamination after 3 hrs immersion at 60 degrees c	no delamination after 72 hrs boiling
Mycological Test (kg)	no delamination	no delamination
Adhesion of plies	Excellent	Excellent
Preservative Treatment (kg/cm ³)	>5000	>6000
Modulus of Elasticity kg (N/mm ²)	-	-
Across face grain	-	-
Along face grain	-	-
Modulus of Rupture (N/mm ²)	>4000	>5000
Across the grain	-	-
Along the grain	-	-
Specific gravity (gm/cc)	0.5	0.6
Tensile Strength (gm/cm ²)	-	-
Compressive Strength	-	-
Water Absorption	2%	1%
Screw holding strength (kg)	>100	>100
Nail holding strength (kg)	>50	>50
Process compliant	ISO 9001, ISO 14001, OHSAS 18001, Euro CE	ISO 9001, ISO 14001, OHSAS 18001, Euro CE
Timber Species	Hardwood & Pine	Hardwood & Pine
Sizes & Thickness	All standard size & thickness	All standard size & thickness

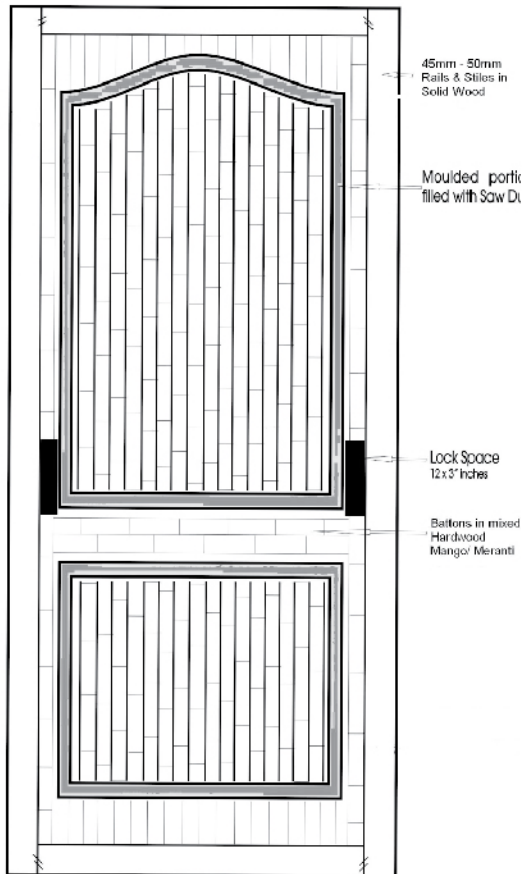
IS: 1659



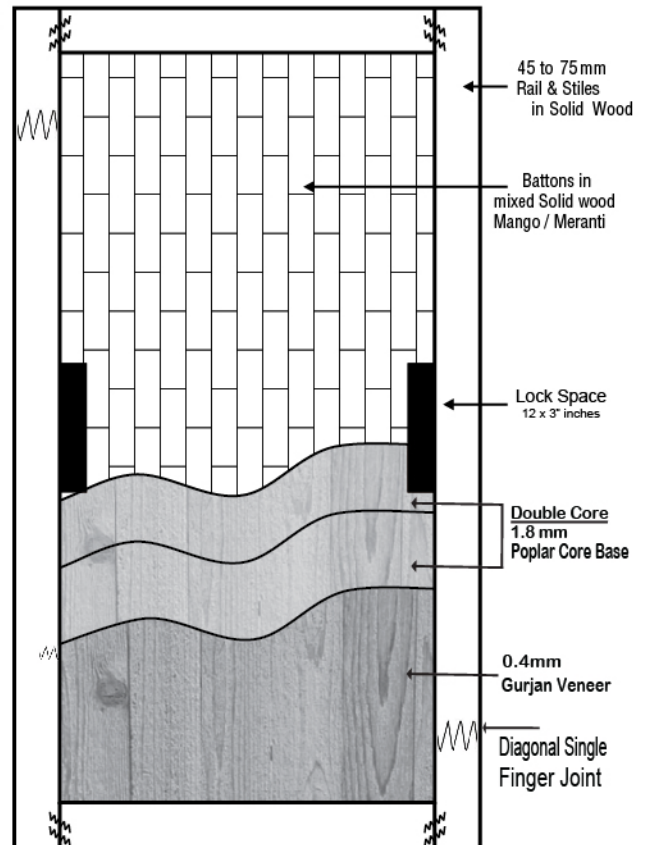


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Internal Construction of Flush Door & Skin Doors



Note : Filler and Lock space dimension can be changed according to size (width) of door.



HAPPINESS OFTEN SNEAKS IN THROUGH A DOOR
YOU DID NOT KNOW YOU LEFT OPEN

John Barrymore



Our Valuable Clients



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Government of Jammu & Kashmir





Modern Wudtech Industries:
73 km Milestone Delhi Mathura Road Palwal, Haryana.
Contact: +91-9873434734, +91-9873088677
email us at: info@oriondoors.in
www.oriondoors.in

