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# About Us

Welcome to Pacific Wood Industries Your Premier Source for Quality Plywood, Block Board, and Flush Doors

At Pacific Wood Industries, we take immense pride in being a leading name in the plywood industry. With a commitment to excellence and decades of experience, we have been consistently delivering top-notch plywood, block board, and flush door solutions to meet a wide range of construction and interior needs.

Located in Morbi, our state of the art manufacturing facility is equipped with cutting edge technology and staffed by a dedicated team of experts. This combination allows us to produce products that not only meet industry standards but also exceed our customers' expectations.



## Our Mission

Our mission is to provide high quality, durable, and sustainable wood products that cater to various design preferences and project requirements. Whether you're a builder, architect, or homeowner, you can rely on us for superior craftsmanship and reliability.

We invite you to explore our range of plywood, block board, and flush door options, and experience the unmatched quality and innovation that sets Pacific Wood Industries apart from the others. Thank you for considering us as your trusted partner in wood solutions.















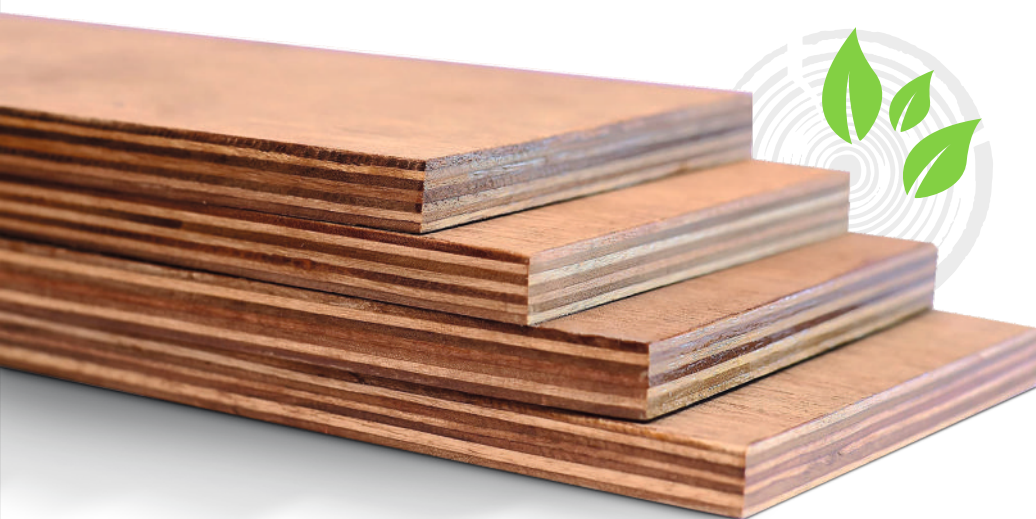
## Our Vision

At Pacific Wood Industries, our vision is to be the premier provider of innovative plywood solutions in the industry. We aim to lead by example, setting the highest standards for quality, sustainability, and customer satisfaction. We envision a future where our plywood products are synonymous with excellence and reliability. To achieve this vision, we are committed to continuous improvement, embracing cutting edge technology, and fostering a culture of environmental responsibility. Our goal is not only to meet our customers' expectations but to exceed them, making Pacific Wood Industries the first choice for plywood solutions worldwide.



## Benefits of Plywood

-  100% Hard wood is used for extra strength.
-  Core composing is done by automatic core composers installed in plant.
-  Unique manufacturing process of 4 time pressing technology.
-  No change of inside core and panel gap.
-  Effectively treated plywood against termites and borer.
-  Perfect thickness and finishing due to both side calibration.
-  Resin made with ultra modern technology to make it Eco friendly and safe for use.
-  Bonded with high solid content resin for long life and superior bonding.
-  High screw holding capacity because of 8 x 4 ft. core and panels of high density core.
-  Glue line protected.
-  Water Proof.
-  Healthy Atmosphere



## Range of Product



**PLUS**  
IS: 303 MR GRADE PLY



**PRIME**  
IS: 303 BWR GRADE PLY



**PRO**  
IS: 710 MARINE GRADE PLY



**BLOCK BOARD**  
IS: 1659



**FLUSH DOORS**  
IS: 2202

## Mr Ply

Pacific Plus (MR Grade IS: 303)

MR Grade Plywood stands for "Moisture Resistant Grade Plywood." It is a type of plywood that is designed to resist moisture and humidity to some extent, making it suitable for use in indoor applications where exposure to occasional moisture is expected but not prolonged or excessive. Here are some key features and information about MR grade plywood:

**Core Material:** The core of MR grade plywood is typically made of hardwood or a combination of hardwood and softwood. It is constructed with adhesives that offer some degree of moisture resistance.

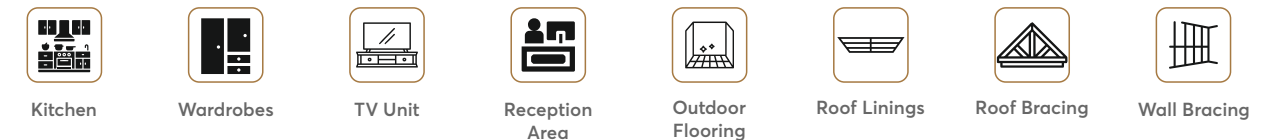
It's important to note that while MR grade plywood is more moisture-resistant than standard plywood, it should not be used in areas where direct water exposure or long-term humidity is a concern. In such cases, marine plywood or other specialized water-resistant plywood types would be more suitable.

Available Thickness	Available Size
04	6 x 3
06	7 x 3
09	8 x 3
12	6 x 4
16	7 x 4
18	8 x 4

Applicable Areas :



## Applications :



### Technical Sheet For MR Grade Plywood (IS: 303)

S.No	Test Parameter	Units	Prescribed Value As Per Indian Specifications (IS 303:1989)	Observed Value Pacific Plus 303
1)	Dimensions & tolerance			
	Length	mm	+6 / -0	3
	Width	mm	+3 / -0	2
	Thickness	%	+/- 10 % for < 6mm & +/- 5% for > 6mm	1.5
	Squareness	%	Max 0.2	0.05
	Edge straightness	%	Max 0.2	0.07
2)	Moisture content	%	5-15	8
	Static bending strength			
	Modulus of rupture	N/mm <sup>2</sup>		
	a) Along the grain			
	i) Average		30	34.15
	ii) Min. Ind.		27	30.21
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		15	20.73
	ii) Min. Ind.		13	15.01
	Modulus Of Elasticity			
	a) Along the grain	N/mm <sup>2</sup>		
	i) Average		4,000	4,380
	ii) Min. Ind.		3,600	3,950
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		2,000	2,349
	ii) Min. Ind.		1,800	2,146
4)	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 as per IS:1743 (Part.5)		Min pass standard	Excellent
5)	Mycological test	N/mm <sup>2</sup>	Min. Pass standard	Excellent

## Bwr Ply

BWR Grade Plywood stands for Boiling Water Resistant Grade Plywood. It is a type of plywood specifically designed to withstand exposure to moisture and water. BWR plywood is constructed with adhesives that provide a high level of resistance to water, making it suitable for use in areas where the plywood may come into contact with water or high humidity. Here are some key features and information about BWR grade plywood:

**Common Uses:** BWR grade plywood is commonly used in applications where moisture resistance is critical, such as kitchen cabinets, bathroom cabinets, outdoor furniture, boat building, and other marine applications.

**Durability:** Due to its resistance to moisture, BWR grade plywood tends to be more durable than standard plywood in wet or humid environments.

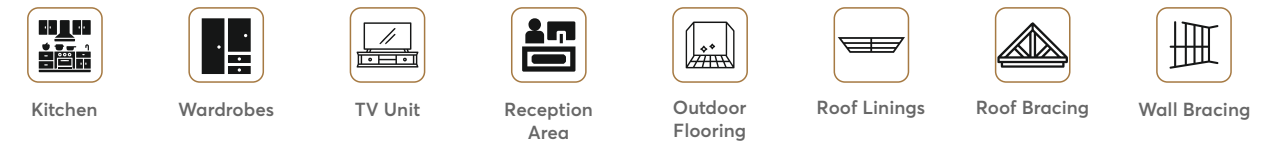
It's important to note that BWR grade plywood is not meant for continuous or prolonged submersion in water, and it is not as water-resistant as marine plywood (BWP grade). For applications where constant exposure to water is expected, marine plywood or other specialized water-resistant plywood types would be more appropriate.

Available Thickness	Available Size
04	6 x 3
06	7 x 3
09	8 x 3
12	6 x 4
16	7 x 4
18	8 x 4

### Applicable Areas :



## Applications :



### Technical Sheet For BWR Grade Plywood (IS: 303)

S.No.	Test Parameter	Units	Prescribed Value As Per Indian Specifications (IS 303:1989)	Observed Value Pacific Prime 303
1)	Dimensions & tolerance			
	Length	mm	+6 / -0	2
	Width	mm	+3 / -0	1
	Thickness	%	+/- 10 % for < 6mm & +/- 5% for > 6mm	1.7
	Squareness	%	Max 0.2	0.06
	Edge straightness	%	Max 0.2	0.08
2)	Moisture content	%	5-15	8
3)	Static bending strength			
	Modulus of rupture	N/mm <sup>2</sup>		
	a) Along the grain			
	i) Average		30	32.96
	ii) Min. Ind.		27	28.67
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		15	17.65
	ii) Min. Ind.		13	17.38
	Modulus Of Elasticity			
	a) Along the grain	N/mm <sup>2</sup>		
	i) Average		4,000	4,185
	ii) Min. Ind.		3,600	3,794
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		2,000	2,126
	ii) Min. Ind.		1,800	1,945
4)	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 as per IS:1743 (Part.5)		Min pass standard	Excellent
5)	Mycological test	N/mm <sup>2</sup>	Min. Pass standard	Excellent

## Bwp Ply

Pacific Prime BWP Grade Plywood (IS:710)

BWP Grade Plywood stands for Boiling Water Proof Grade Plywood. It is a type of plywood that offers the highest level of water resistance among plywood grades. BWP plywood is designed to withstand prolonged exposure to water and is suitable for use in applications where moisture resistance is of utmost importance. Here are some key features and information about BWP grade plywood:

**Water Resistance:** BWP plywood is highly water-resistant and can endure prolonged exposure to water, including submersion in water for extended periods, without delaminating or deteriorating.

**Core Material:** The core of BWP plywood is typically made of hardwood or a combination of hardwood and softwood. It is constructed using adhesive formulations that provide exceptional water resistance.

**Veneer Layers:** BWP plywood typically has hardwood veneer layers on both the face and back, contributing to its durability and providing an attractive finish.

**Durability:** Due to its superior water resistance, BWP grade plywood is highly durable in wet or humid conditions. It is less likely to warp, delaminate, or decay when exposed to water compared to other plywood grades.

Available Thickness	Available Size
04	6 x 3
06	7 x 3
09	8 x 3
12	6 x 4
16	7 x 4
18	8 x 4

**Common Uses:** BWP grade plywood is commonly used in applications where constant moisture or water exposure is expected, such as in marine construction, boat building, exterior doors, outdoor furniture, and other outdoor or wet environments.

## Applications :



Kitchen



Wardrobes



TV Unit



Reception Area



Outdoor Flooring



Roof Linings



Roof Bracing



Wall Bracing

## Technical Sheet For BWP Plywood (IS:710)

S.No	Test Parameter	Units	Prescribed Value As Per Indian Specifications (IS 710:2010)	Observed Value Pacific Pro 710
1)	Dimensions & tolerance			
	Length	mm	+6 / -0	+2 / -0
	Width	mm	+3 / -0	+1 / -0
	Thickness	%	+/- 5%: 6mm & Above	+1.6
	Squareness	%	Max 0.2	0.11
	Edge straightness	%	Max 0.2	0.12
2)	Moisture content	%	5-15	8-10
3)	Glue adhesion in dry state			
	Glue shear strength	N	Avg. 1,350	Avg. 1,445
			Min. 1,000	Min. 1,280
	Adhesion of plies		Min. Pass	Excellent
4)	Resistant to water			
	Glue shear strength	N	Avg. 1,000	Avg. 1,170
			Min. 800	Min. 985
	Adhesion of plies	N	Min. Pass	Excellent
5)	Mycological test			
	Glue shear strength	N	Avg. 1,000	Avg. 1,140
			Min. 800	Min. 917
	Adhesion of plies		Min. Pass	Excellent
6)	Static bending strength			
	Modulus of rupture	N/mm <sup>2</sup>		
	a) Along the grain			
	i) Average		Min. 50	53.7
	ii) Min. Ind.		Min. 45	47.8
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		Min. 30	33.56
	ii) Min. Ind.		Min. 27	29.53
	Modulus Of Elasticity			
	a) Along the grain	N/mm <sup>2</sup>		
	i) Average		Min. 7,500	7,785
	ii) Min. Ind.		Min. 6,700	6,936
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		Min. 4,000	4,317
	ii) Min. Ind.		Min. 3,600	3,891
7)	Wet Bending Strength			
	Modulus of Rupture			
	a) Along the grain	N/mm <sup>2</sup>		
	i) Average		Min. 25	28.16
	ii) Min. Ind.		Min. 22	24.21
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		Min. 15	17.62
	ii) Min. Ind.		Min. 13	14.98
	Modulus of Elasticity			
	a) Along the grain	N/mm <sup>2</sup>		
	i) Average		Min. 3,750	3,914
	ii) Min. Ind.		Min. 3,400	3,652
	b) Across the grain	N/mm <sup>2</sup>		
	i) Average		Min. 2,000	2,340
	ii) Min. Ind.		Min. 1,800	2,011
8)	Tensile Strength	N/mm <sup>2</sup>		
	Along the grain		42	45.5
	Across the grain		25	39.6
	Sum of along & across		84.5	85.1
9)	Retention of preservatives	Kg/m <sup>3</sup>	12	12.72

Applicable Areas :



## Block Board

Pacific Block Board (IS:1659)

Blockboard, also known as lumber core plywood, is a type of engineered wood product commonly used in furniture and interior construction. It is known for its stability, strength, and smooth surface finish.

Composition: Our Blockboards are constructed with 100% Imported Pine Wood from New-Zealand which are turned into wooden blocks or strips that are edge-glued together.

Uses: Blockboards are commonly used for making furniture, doors, shelves, partitions, and other interior applications. They are especially popular for making large flat surfaces, like tabletops, where stability and smoothness are crucial.

Versatility: Blockboards can be easily cut, shaped, and finished with paints, veneers, or laminates to achieve different looks and styles for furniture and interior projects.

Durability: The hardwood veneer layers on the surface of blockboards enhance their durability and resistance to wear and tear.

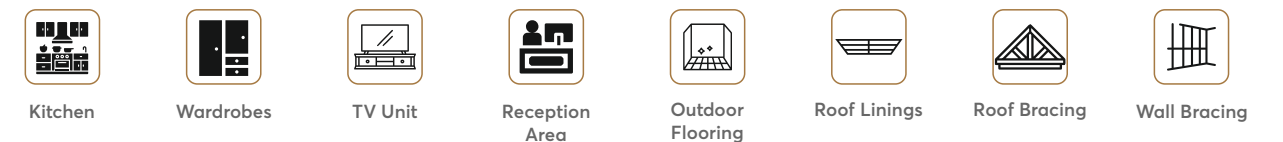
Cost: Blockboards are often more cost-effective than solid wood for certain applications, as they provide the appearance and performance of solid wood but at a lower cost.

<b>Available Thickness</b>	<b>19 MM, 25 MM</b>
<b>Available Size</b>	<b>6 x 3, 7 x 3, 8 x 3, 6 x 4, 7 x 4, 8 x 4</b>

Applicable Areas :



## Applications :



### Technical Sheet For Blockboard (IS:1659)

S.No.	Test Parameter	Requirement As Per IS:1659:2004	Observed Value Block Board
1.	Dimensions & tolerance		
	Length	+ 6 mm - 0 mm	3
	Width	+ 3 mm - 0 mm	2
	Thickness	+/- 5 %	1.75
	Squareness	0.20%	0.09
	Edge straightness	0.20%	0.08
2.	Dimensional change caused by humidity		
	Change in length		
	a) From 65% RH to 90% RH	+/- 1	+0.01
	b) From 65% RH to 45% RH	+/- 1	-0.01
	Change in thickness		
	a) From 65% RH to 90% RH	+/- 1	+0.01
	a) From 65% RH to 40% RH	+/- 1	-0.01
	Maximum Local Planeness	Not greater than 1/150	1/365
	At extreme range of humidity	No delamination	No delamination
	a) Modulus of elasticity (N/mm <sup>2</sup> )		
	Along the grain		
	i) Average	4,000	5,407
	ii) Min. Ind.	3,400	5,196
	b) Modulus of rupture (N/mm <sup>2</sup> )		
	i) Average	40	60.47
	ii) Min. Ind.	34	56.3
4.	Resistance to water test (60+/- 2°C in warm water for 3 hours)	Min. pass standard	Excellent
5.	Mycological test	Min. pass standard	Excellent
6.	Spot test	Through and through penetration of preservative chemicals	Confirms

## Flush Door

A flush door is a type of interior or exterior door that is characterized by its smooth and flat surface without any raised or recessed panels, mouldings, or decorative features. These doors are called "flush" because they are designed to be flush with the door frame when closed, creating a clean and simple appearance. Here are some key features and information about flush doors:

Construction: Flush doors are typically constructed with a solid wood block or strip made from 100% Imported New Zealand Pine.

<b>Available Thickness</b>	<b>30 MM, 35 MM</b>
<b>Available Size</b>	<b>Make To Order</b>

Applicable Areas :

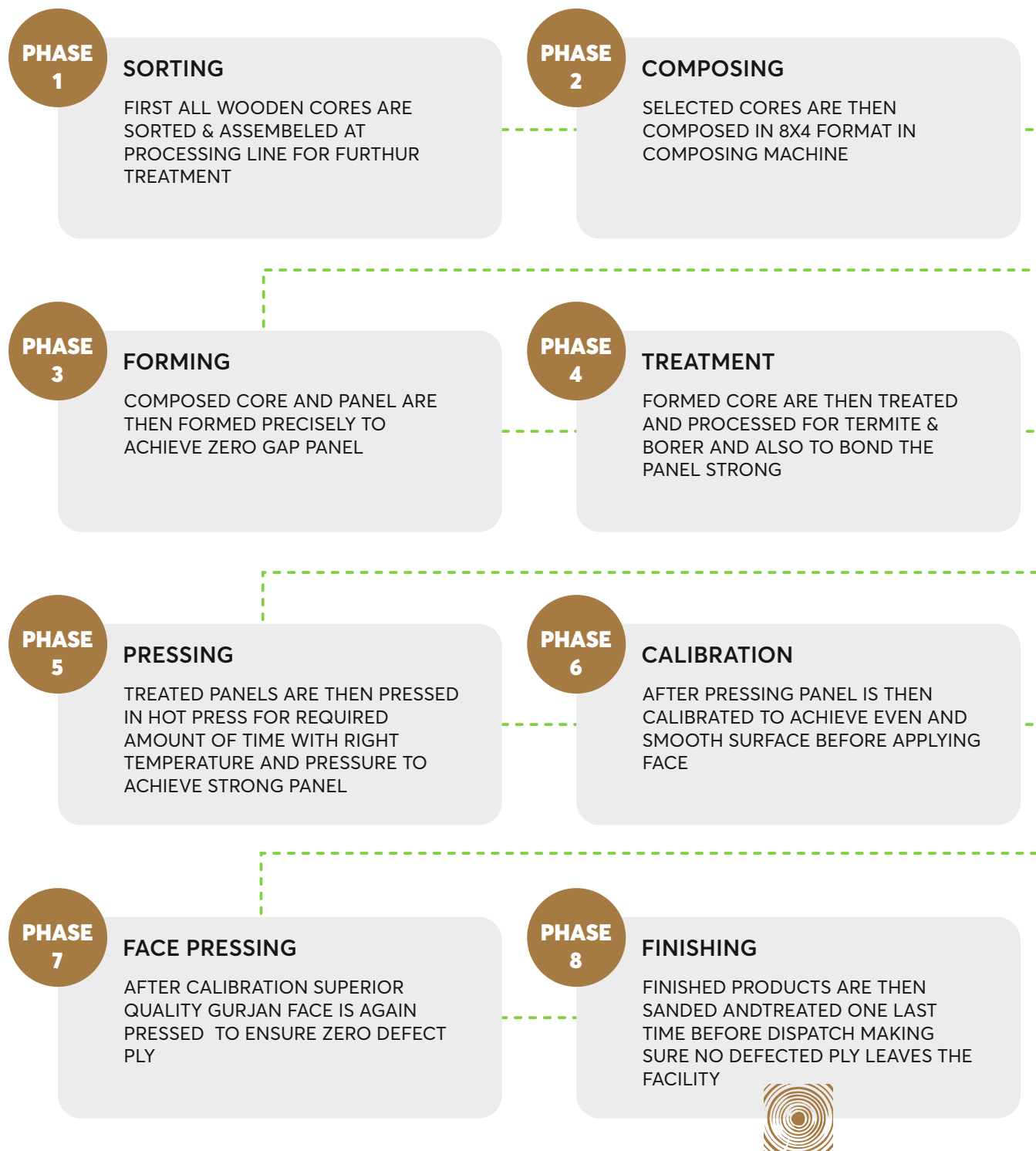


## Technical Sheet For Flush Door (IS:2202 (Part-I):1999)

S.No.	Test Parameter	Units	Requirement As Per IS:2202(Pt-I): 1999	Observed Value Flush Door
1.	Dimensions & tolerance	mm		
	Length	mm	+/- 5mm	1.5
	Width	mm	+/- 5mm	0
	Thickness	mm	+/- 1 mm	0.12
	Squareness	mm	Variation in the thickness between any two points not more than 0.8mm	0.55
		mm	Deviation not more than 1 mm per 500 mm length	0.4
2.	General flatness	mm	Twist, cupping & warping not greater than 6mm	3
3.	Local planeness	mm	Depth of deviation not greater than 0.5 mm	0.15
4.	End immersion test		No delamination	Confirms
5.	Glue adhesion test		No delamination	Confirms
6.	Knife test		Minimum pass standard	Excellent
7.	Impact indentation	mm	No cracking, tearing or delamination Depth of indentation not greater than 0.2 mm	Confirms 0.14
8.	Slamming		No visible damage after 50 drops	Confirms
9.	Flexure (deflection)	mm	Deflection at maximum load not greater than	
	15 mins after loading 50 Kg		1/30 of length & 1/15 of width, whichever is less	55.62
	3 mins after load removal	mm	Residual deflection not greater than 1/10 of maximum deflection	2.44
10.	Shock resistance			
	Soft and light body impact		No visible damage	Confirms
	Soft and heavy body impact		No visible damage	Confirms
11.	Buckling (deflection in mm)		No deterioration	Confirms
	After 5 mins of 40 Kg loading		Initial deflection not greater than 50mm	43.72
	15 mins after load removal		Residual deformation after 15 minutes of unloading not greater than 5 mm	3.17
12.	Edge loading (deflection)			
	After 15 mins of 100 Kgs loading	mm	Deflection at max. load not greater than 5 mm	3.18
	3 mins after load removal	mm	Residual deflection after removal of load Not greater than 0.05 mm	0.35
	Lateral buckling		Not more than 2 mm during loading	1.22
	Residual lateral buckling		No residual lateral buckling after load removal	Confirms
13.	Screw withdrawal strength	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	2000 Confirms
14.	Varying humidity test		No visible warping, twisting or delamination Maximum departure from the general Planeness not more than 1 mm Recovery – atleast 90% of the change in dimension	Confirms 0.47 99.02
15.	Misuse		No permanent deformation of the fixing or any Other part of the door set in hindering its Normal working after test	Confirms



## This Is How We Make Our Ply For Your Perfect Furniture



DURABLE



EQUAL THICKNESS



BORER & TERMITE PROOF



WATER PROOF