

**MORE™**  
FILM FACE PLYWOOD

GET MORE THAN EXPECTED

FILM FACED SHUTTERING PLYWOOD

# About US

Samta Wood Products has been climbing the ladder of success and growth since its inception under the guidance of energetic and technically experienced directors and professionals. Plant has one of the best and finest infrastructural setup with state-of-the-art equipments. The plant has latest Hi-tech machines to carryout failsafe manufacturing. The layout of the plant ensures smooth flow of production and is so well designed that it is a model plant for others. Imported Gurjan and Pine wood is processed in the plant to make best quality products. Being an ISO: 9001:2008 certified organization, company insists on honesty, integrity and fairness in all aspects of its business. This has earned it the trust and respect of every strata of society that it comes in contact with. The Company continuously focuses its efforts to better understand the consumer needs in order to provide customer delight through its product offerings.

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## Vision

Growing from strength to strength, More is dedicated to improve the quality of life, making it better, safer and easier. More is committed to strengthen its leading position among Plywood Industry by following the statutory and regulatory standards related to products and by adopting latest available technology, involving competent employees, focusing on quality consciousness and cost competitiveness, thus enhancing customer satisfaction through continual improvement.

## **MORE** Reason to choose **Film Face Shuttering** Plywood

- Manufactured with high density wood for higher strength
- Assembled panel is pressed in high pressure hydraulic press for higher density
- Plywood is laminated with high gsm phenolic coated film, which provide mirror like finish and helps in getting smooth surface of shuttering work.
- Wider core used to minimize the core gap inside the panel.
- More Film Face Plywood is ISI certified and each panel is well tested by qualified chemist before dispatch.
- More film face plywood has perfect size and thickness which expedite the shuttering work.



### **Best Features:**

- Uniform thickness
- Every layer is resin coated
- Mirror finished, Pearl smooth
- Core gap free
- Maximum Repetitions





**MORE™**  
FORM FACE FLYWOOD



## Why Compromise!

Building better buildings is not a joke. It involves the expertise of many people together who are skilled in their own fields. It is certain that every stage must go right because one weak selection many spoil the complete effort!



# MORE Film Face Shuttering **Plywood**



More Film face densified shuttering plywood is a product for high-end construction uses. The phenolic film plywood has a coated, glossy surface, which gives the product long life and great value in terms of re-use. This plywood withstands the corrosive action of cement, water and sunlight.

More FFDSP is an innovative concept and is ideal for exposed concrete shuttering and frameworks. These boards are made of best-selected plywood veneers bonded with Phenol Formaldehyde Resin. An external coating of Phenolic Polymer Film made in-house with imported craft paper gives a super smooth, uniform surface finish. More FFDSP Film has become the foremost choice of leading quality conscious architects and civil construction engineers.

SHUTTERING PLYWOOD (IS:4990)			
	Test	ISI Requirement	Observed Value
1	Moisture Content	5% - 15 %	8%
2	Glue Shear Strength (Dry State) Adhesion to plies	Min. Ind. 1100 N Min. Avg. 1350 N Minimum Pass Standard	1310 N 1520 N Excellent
3	Glue Shear Strength (after 72 hrs. Boiling) Adhesion to glass	Min. Ind. 800 N Min. Avg. 1000 N Minimum Pass Standard	1060 N 1250 N Excellent
4	Mycological Test Glue Shear Strength	No sign of separation Min. Ind. 800 N Min. Avg. 1000 N	No separation 1060 N 1250 N
5	Tensile Strength Along the grain - Across the grain - Sum of the Tensile Strength	32.5 N / sq. mm 22.5 N / sq. mm 60.0 N / sq. mm	46.5 N / sq. mm 32.2 N / sq. mm 84.7 N / sq. mm
6	Static Bending Strength Modulus of Elasticity Along the grain - Across the grain	8000 N / sq. mm 4000 N / sq. mm	9100 N / sq. mm 4320 N / sq. mm



## Way To Enhance Life Of Film Face Shuttering **Plywood**



The life of More Shuttering ply can be greatly enhanced if certain guidelines are followed as below mentioned:

1. Do not drag or drop from height.
2. Stack on flat surface.
3. Clean both side surfaces after use.
4. Apply mould oil after 3-4 uses.
5. Use sealant on cut edges.
6. Use minimum nails.
7. Use putty in the nail holes.

Suggested uses: They are typically used for headers, beams, and edge-forming material. Now-a-days, door and window frames where wood was used, is also replaced by LVL.



### Advantages over ordinary film faced ply:

1. It gives maximum number of repetitions.
2. Provides smooth surface to concrete form work.
3. It is economical in ratio to its number of uses.
4. After using it as shuttering plywood for many times, its salvage can be used for paneling, roofing, flooring, partitions and manufacturing of furniture.





## UNMATCHED FEATURES



### Uniform Thickness

Each panel of More Film Face Plywood is manufacture in such a way that it has uniform thickness which help to get smooth surface during the shuttering work.

### Mirror like finish to provide Smooth Surface

Pressed in high pressure hydraulic press and high gsm PF resin coated film provides More film face plywood mirror like finish.



### 100% Core Gap Free

Assembled by trained assemblers in the supervision of quality control person with wider core to minimize the chance of any core gap inside the panels.

### Every layer in Resin Coated

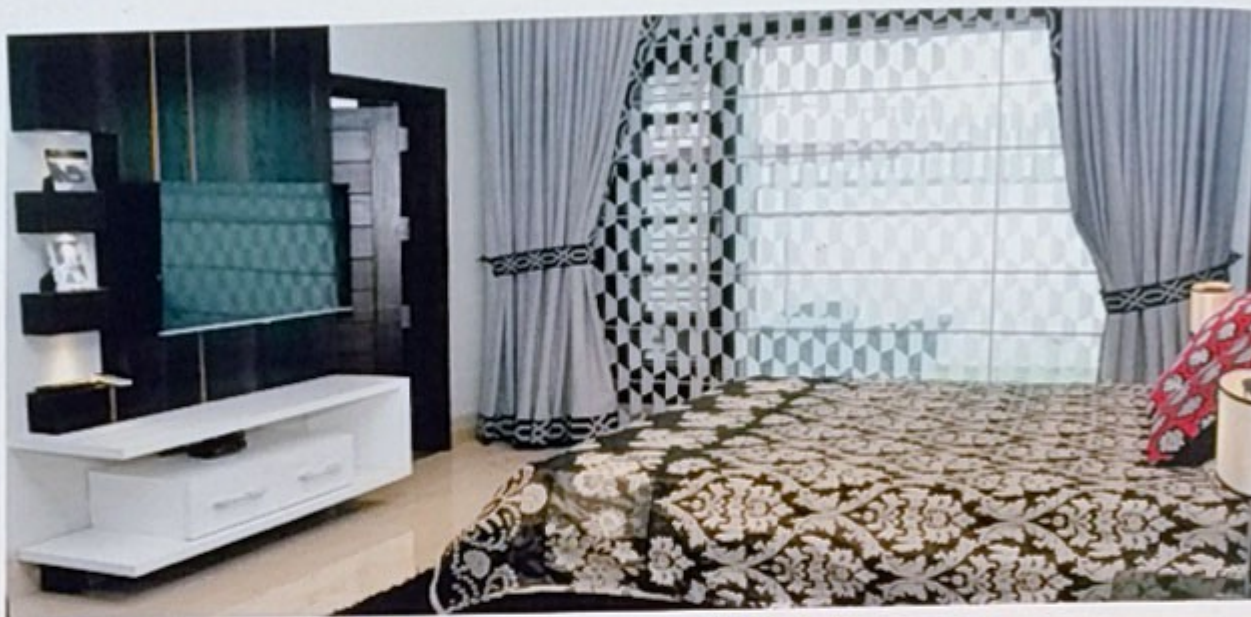
In More film face shuttering ply, all the layers are glue lined from both sides. This practice prevents the ply from swelling when heavy load of concrete is poured over it. Thus ensures more repetitions!



FILM FACE SHUTTERING PLYWOOD



# Block Board IS:1659



These are made out of excellent quality of plantation Timbers. Logs are converted into battens in a multiple rip saw. Battens are sandwiched between two glued mechanically dried veneers and are pressed in hot press under accurate temperature and pressure with treatment of planks, poisoning of glue line and preservative treatment of finished block board make More durable and safe against borers.

More Block Board (with Poplar Core Battens)

More Block Board is available in Moisture Resistant (MR) and Boiling Water Resistant (BWR) grade.

More Block Board (with imported Pine Wood and Gurjan Core)

Pine woods, imported from New Zealand, battens are used in block board filling. Each batten is treated with chemical to prevent termite and borer attack. Assembled block boards are hot pressed by using Gurjan core. To manufacture water proof block board, battens are also coated with PF resin to get the extra strength.

**Suggested uses:** Furniture and partitions, panels, beaded doors, interiors of portable houses, bins, racks. Where panels of higher thickness with greater bending resistance is required.

TECHNICAL SPECIFICATIONS (IS:1659)			
TEST	ISI REQUIREMENT	Observed Value	
1. Dimensional Changes caused by Humidity			
4. Changes, mm from 65% RH to 90% RH	+ 1mm Max		+ 0.50 mm
5. Changes, mm from 90% RH to 40% RH	- 1mm Max		- 0.50 mm
6. Local Planeness	< 1/150		< 1/175
11. At the extreme range of humidity	No de-lamination at the extreme range of humidity		No de-lamination observed
2. Adhesion of the glue	Minimum pass standard		Excellent
3. Resistance to water (72 hours soaking)	No de-lamination after 72 hours soaking		No de-lamination
4. Resistance to fungi organisms	No appreciable sign of separation at edges		No separation at edges
5. Modulus of Elasticity	Min. 9000 N / sq. mm		8050 N / sq. mm
6. Modulus of Rupture	Min. 50 N / sq. mm		61 N / sq. mm



# Flush Door IS:2202



More BWP flush door is a durable product and known for its excellent quality, exceptional finish and unique dimensional stability. It is made of selected hardwood frames for high nail holding capacity. More flush doors having lock rail on both side of the frame. The frame and battens used in the flush doors are well treated and assembled in such a way that there is no gap in between the battens and frames. An extra coating of PF resin has been done on assembled strength between core and battens. When tested according to IS: 2202 (I) specifications all the flush doors surpassed ISI standards.

**Application:** Doors and shutters in homes and offices.

TECHNICAL SPECIFICATIONS (IS:2202)			
	TEST	ISI REQUIREMENT	Observed Value
1	Dimension	Length, Width - + 5 mm Thickness - + 1 mm	Within limits
2	Squareness	Deviation not more than 1 mm on a length of 500mm	Deviation below 1 mm
3	General Flatness	Twist, cupping, warping not to exceed 5 mm	
4	Local Planeness	Depth of deviation at any point to be less than 0.5 mm	Within limits
5	Impact Indentation Test	Depth of indentation not to exceed 5.2 mm	Within limits
6	Edge Loading Test	Deflection of edge with max. To be less than 5 mm	Within limits
7	Shock Resistance Test	No visible defect after test	No visible defects
8	Buckling Test	Initial deflection - + 50 mm residual deflection - + 5 mm	Within limits
9	Swelling Test	No visible damage after test	No visible damage
10	Moisture Test	No deformation after test	No deformation
11	Varying Humidity Test	No visible warping, twisting or delamination	No such defects observed
12	Grat Immersion Test	No delamination at the end	No delamination
13	Knife Test	Minimum Pass Standard	Excellent
14	Glue Adhesion Test	No delamination	No delamination
15	Screw Withdraw Test	Load to withdraw screw to be more than 1000 N	Load - + 1000 N

## Reasons to choose More Door.

- High screw holding capacity
- Boiling water proof
- Smooth surface
- Lab tested and eco friendly
- Zero gap and zero bending





**MORE™**  
FLEX FACI PETWOOD

**SAMTA WOOD PRODUCTS**

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