

**QUALITY
IS OUR
IDENTITY**



SALHA

PLY



QUALITY IS OUR IDENTITY

ABOUT US

OUR NAME SALHA PLY STANDS FOR QUALITY, AND THAT IS OUR FIRST PRIORITY.

The Salha Ply was a brainchild of Shree Vir Bahadur Sah. He back in his greener days, first into the Plywood Industry. His principle and passion was clearly visible throughout his career. It wasn't long before Shivjee Sah, the eldest son of Shree Vir Bahadur Sah got inspired and ventured on his own in this industry. He helped establish the tradition and approach for



diversity and innovation, and converted it from a business to Salha Ply.

Salha Ply grew exponentially and now boasts about a factory which is one of the largest in the entire Bihar. However, even after all of this the company is still guided by the same principles of integrity, respect and faith as that established by our founders.

Quality is the core and a fundamental aspect of each product and a proceses we undertake. During production, all the products are stringently checked at everystage to ensure tha they conform to the ISI standards and its pecified parameters. An independent quality division undertakes inspection where in our experienced team of quality analysts and supervisors constantly ensure zero defect products. Hardwod and Pinewod are used to manufacture our products. For efficient and acurate checking, we are quiped with all the latest QC and R&D equipment and personel.

As one of the best and independent plywood suppliers in Bihar

and across India, our mission is to source top-quality timber products to address the demands of our clients and meet their construction requirements.

Whether you are a small business owner expanding your trade or a large organization continuously building their enterprise, we always have the product you need for your construction. Our extensive manufacturing capabilities ensure that our products are manufactured from credible timber sources and produced cutting-edge equipment.

For over 60 years we have enriched, delighted and enlightened people with our exceptional quality in plywood and products. Our unique vertically integrated business is spread from timber-to-retail, marking our invincible presence across the pipeline of plywood industry and translating it into a value chain offering considerable competitive advantage.

4mm

6.5 mm

9 mm

12 mm

15 mm

18 mm

21 mm

24 mm

27 mm

OUR STRENGTHS



MORE THAN 60 YEARS

We have been in this industry for more than 60 years now and hence when we say we know, we certainly do. To ascertain the we have also been certified with ISI and ISO 9001.



STATE OF THE ART MACHINERY

Our quality is unmatched because of our dedication and right approach to provide you with the best of the best product. Hence, to ensure the same we have invested in excellent state of the art machineries.



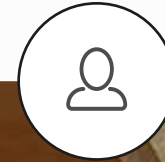
15 ACRES OF PRODUCTION UNIT

Our factory is spread across 15 acres of land. It is not only equipped with world class machinery but also takes care of the environment.



60 + TONNE PRODUCTION

Our work speaks for itself. What was just a pod back then has now grown multifold and now we produce nothing less than 60 Tonne every day.



500 EMPLOYEES (IPIRTI CERTIFIED)

Our staff is our strength! in total we have employed more than 500 staff member. Most of them are IPIRTI Certified. They know their job as best as anybody could ever know.



RESEARCH AND DEVELOPMENT

We have always ensured to offer the best product to our consumer. All of this takes time and a lot of research and development work. We do it in order to ensure that our products are best, of the best.

RESEARCH AND DEVELOPMENT

With over 50 years' experience, Salha Ply provides exceptional uniformity as well as quality, making it easy to use in building and construction projects, while constant research and development by the producing mills ensures all specifications meet today's stringent building requirements.

HELPING THE ENVIRONMENT

Salha Ply, sourced from sustainable, well-managed forests, is one of the most environmentally-friendly building materials available.



PLYWOOD IS:303



Suggested Uses: Ceilings, door panel inserts, vehicle seats and backs, floor, kitchen furniture, wall paneling, beds, partitions, furniture like chair, study table, dining table, drawers, shelves, racks, cupboards, show cases, etc.

PLYWOOD IS : 303

ANTI- BORER & TERMITE CHEMICAL INFUSION GIVES OUR PLY THE BEST PROTECTION AGAINST TERMITE AND BORER

An extremely versatile product, plywood is used for a wide range of structural, interior and exterior applications - from formwork through to internal paneling. Plywood is an assemblage of wood veneers bonded together to produce a flat sheet. Salha Plywood is used in any application that needs high quality wooden sheet material. High quality in this context means resistance to cracking, breaking, shrinkage, twisting and warping.

MR/ BWR

Moisture Resistant and Boiling Water Resistant

TECHNICAL SPECIFICATIONS (IS: 303)

TEST	ISI REQUIREMENT	OBSERVED VALUE
1. Moisture Content	5 % - 15 %	8 %
Dimension	Length + 5mm, Width + 2mm Thickness ? 6mm - ? ? .% 5 6mm - ? 10 %	Within limit
2. Sp. Gravity		> 7
3. Resistance to water (3 Cycles of 8hr Boiling and 16 hrs of Drying at 65° C) - Adhesion to plies	Min. Pass Standard	Excellent
4. Resistance to Micro-organism -Adhesion to plies	Min. Pass Standard	Excellent
5. Static Bending Test		
a. Modulus of Elasticity - along the grain	Avg. Min. 5000 N/ sq. mm	6000 N/ sq. mm
- across the grain	Avg. Min. 2500 N/ sq. mm	3000 N/ sq. mm
b. Modulus of Rupture - along the grain	Avg. Min. 40 N/ sq. mm	56 N/ sq. mm
- across the grain	Avg. Min. 20 N/ sq. mm	30 N/ sq. mm



MARINE PLYWOOD IS:710

Suggested Uses. For all types of woodworking in marine and sea going vessels. It also finds its good application in air-freight container making. Now-a-days, instead of using the normal plywood, people are opting for Marine plywod even in Kitchen and Bathrooms.



MARINE PLYWOOD IS : 710

IT IS CHEMICALLY TREATED WITH PERMANENT PRESERVATIVES THROUGH VACUUM PRESSURE IMPREGNATION AND ADHERES TO IS 710. IT IS TOTALLY RESISTANT TO FUNGI, TERMITES,

Salha Marine plywood is manufactured from durable face and core veneers, with few defects so it performs longer in both humid and wet conditions and resists delaminating and fungal attack. Its construction is such that it can be used in environments where it is exposed to moisture for long periods. Extensively used in the ship building industry, for constructing barges, lifeboats, ship cabins, sauna bath compartments and other light marine crafts. Also as woodwork in kitchens, bathrooms, panel inserts, exposed cabins, partitions and much more.



TECHNICAL SPECIFICATIONS (IS: 710)

TEST	ISI REQUIREMENT	OBSERVED VALUE
1. Moisture Content	5 % - 15 %	8 %
2. Glue Sheer Strength (Dry State)	Min. Ind. 1100 N Min. Avg. 1350 N	1350 N 1500 N
3. Adhesion to plies	Min. Pass Standard	Excellent
4. Glue Sheer Strength (after 72 hrs. Boiling)	Min. Ind. 800 N Min. Avg. 1000 N	1150 N 1250 N
5. Tensile Strength		
- along the grain	4200 N/ sq. mm	5500 N/ sq. mm
- across the grain	2500 N/ sq. mm	3950 N/ sq. mm
- sum of Tensile Strength	8450 N/ sq. mm	9400 N/ sq. mm
6. Static Bending Test		
a. Modulus of Elasticity		
- along the grain	Avg. Min. 7500 N/ sq. mm	8305 N/ sq. mm
- across the grain	Avg. Min. 4000 N/ sq. mm	4170 N/ sq. mm
b. Modulus of Rupture		
- along the grain	Avg. Min. 50 N/ sq. mm	65 N/ sq. mm
- across the grain	Avg. Min. 30 N/ sq. mm	40 N/ sq. mm

BLOCK BOARD IS:1659

Suggested Uses: Can be used to make such things as doors or tables, it is important to ensure that the core runs lengthways in order to achieve maximum strength. Blockboard also may be used to make shelves, doors, paneling and partitions.



BLOCK BOARD IS : 1659

SALHA BLOCK BOARD IS LIGHTER THAN PLYWOOD BUT IT DOES NOT SPLIT OR SPLINTER WHILE CUTTING BECAUSE OF THE PRESENCE OF SOFTWOOD IN ITS CORE. THE PRESENCE OF SOFTWOOD STRIPS ENSURES THAT IT HOLD BETTER THAN OTHERS. BETTER THAN THE OTHER ENGINEERED BOARDS.

The choice between block board or plywood depends on the project. If you want a smooth finished surface and the strength of the panel is not a major factor, block board makes a good choice. But if strength is more important, plywood is a better choice. Block board is a piece of wood with a plywood core and thin veneer panels on the top and bottom sides. Block board is made for interior use, only, because the wood strips are glued with interior glues and the layers are hot-pressed to form a solid panel. As a result, if block board is used outdoors, the layers will, over time, delaminate and become unglued. Block board is often used for furniture pieces such as desks and tabletops.

TECHNICAL SPECIFICATIONS (IS: 1659)

TEST	ISI REQUIREMENT	OBSERVED VALUE
1. Dimension Changes caused by Humidity		
a. Changes, mm from 65 % RH to 90 % RH	+ 1mm Max	+ 0.50mm
from 65 % RH to 40 % RH	- 1mm Max.	- 0.50mm
b. Local Planeness	< 1 / 150.	< 1 / 175
c. At the extreme range of Humidity.	No De-Lamination at the extreme range of Humidity.	No De-Lamination observed.
2. Adhesion of the plies	Min. Pass Standard	Excellent
3. Resistance to water (72 hours boiling)	No de- lamination after 72 hours of Boiling	No de-lamination
4. Resistance to Micro-organism	No appreciable sign of separation at edges.	No seperation at edges.
5. Modulus of Elasticity	Min. 5000 N/ sq. mm	61 N/ sq. mm
6. Modulus of Rupture	Min. 50 N/ sq. mm	6050 N/ sq. mm



DECORATIVE PLYWOOD IS:1328

Suggested Uses: Wall paneling, kitchen paneling, cabinets, partition wall, cup board & wardrobes doors, & furnitures etc.



DECORATIVE PLYWOOD IS : 1328

Salha Ply has been an inspiration and delight to its clients. Our company is renowned for delivering high quality, exquisitely aesthetic and functionally brilliant interior lifestyle solutions that meet the ever changing needs of discerning clientele. Salha commitment to innovation and R&D has led to the creation of extremely sturdy and brilliant products, that are setting benchmarks for the industry to follow. Experience a wide range of decorative solutions for the interiors of your home.

Decorative plywood or veneer is basically a thin slice of expensive grained wood or reconstituted wood stuck to a plywood, MDF, or particle board piece to provide an Aesthetic desired finish that the specific wood type would provide. Usually it is used in panelling and furniture making.



TECHNICAL SPECIFICATIONS (IS: 1328)

TEST	ISI REQUIREMENT	OBSERVED VALUE
1. Open Splits	Not more than 150 mm length and 0.5 mm in width rectified with veneer insert bonded with synthetic resin.	No Open Splits.
2. Torn grain, dead knots, dot discoloration and sapwood.	Free from such defects.	Free from such defects.
3. Moisture Content	5 % - 15 %	8 %
4. Water Resistance test (3 cycles of 3hr boiling at formation 60° C and 8 Hr Drying at 65° C)	No de- lamination or blister	No de- lamination or blister

SALHA DECORATIVE PLYWOOD IS USUALLY FACED WITH A VENEER OF HARDWOOD SUCH AS ASH, OAK, BIRCH, MAPLE OR MANY OTHER EXOTIC TIMBERS. ALTERNATIVELY WE CAN SUPPLY PLYWOOD FACED WITH MANY OTHER TYPES OF MATERIAL TO MEET YOUR SPECIFIC REQUIREMENTS.

FLUSH DOOR IS:2202



Suggested Uses: often used where space is at a premium, and would probably be placed towards the "functional" end of the door design spectrum rather than the "style" end.

FLUSH DOOR IS : 2202

TECHNICAL SPECIFICATIONS (IS: 2202)

TEST	ISI REQUIREMENT	OBSERVED VALUE
1. Dimension	Length - + 5mm. Thickness - + 1mm	Within limits
2. Squareness	Deviation not more than 1mm on a length of 500mm	Deviation below 1mm
3. General Flatness	Twist, cupping, warping not to exceed 6mm	
4. Local Planeness	Depth of deviation at any point to be less than 0.5mm	Within limits
5. Impact Indentation Test	Depth of indentation not to exceed 0.2mm	Within limits
6. Edge Loading Test	Deflection of edge with max. To be less than 0.5mm	Within limits
7. Shock Resistance Test	No visible defect after test	No visible defects
8. Buckling Test	Initial deflection - < 50mm residual deflection - < 5mm	Within limits
9. Slamming Test	No visible damage after test	No visible damage
10. Misuse Test	No deformation after test	No deformation
11. Varying Humidity Test	No visible warping, twisting or de-lamination	No such defects observed
12. End Immersion Test	No de-lamination at the end	No de-lamination
13. Knife Test	Minimum Pass Standard	Excellent
14. Glue Adhesion Test	No de-lamination	No de-lamination
15. Screw Withdraw Test	Load to withdraw screw to be more than 1000N	Load - > 1000N

TREATED DOORS WITH HOT AND COLD DIFFUSING TECHNOLOGY

Flush doors are simple door designs that have plain facings on both sides. They can be interior (more commonly) but also exterior. They are often used where space is at a premium, and would probably be placed towards the "functional" end of the door design spectrum rather than the "style" end ... but as with anything a little imagination goes a long way! They may be kept deliberately simple in appearance to highlight other features nearby.

DESIGNER LAMINATED DOOR

Salha Laminated Doors are laminated with high-pressure laminate sheet of 1mm and 0.8mm on a calibrated base door. The base door is manufactured by seasoned battens and frames with waterproof PF resin. Laminate doors are available in a wide range of designs, using high quality laminate sheet for zero maintenance and long life.



Salha Molded panel doors are beautifully crafted that they are testament to our fine craftsmanship. The doors are available in a range of classy designs and can be finished in any colour as per taste and requirements of the customer. Salha Molded panel doors are long lasting, maintenance free and priced reasonably along with superior quality.



MOLDED PANEL DOOR



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