

Since 1993

**GMG**®

PLY • DOOR • MDF • WPC

Khwab ko hakikat banaye...

घर सजाए साथ निभाए







## PRODUCT RANGE

### PLYWOOD

MR Grade Plywood (IS : 303)  
BWR Grade Plywood (IS : 303)  
BWP Grade Plywood (IS : 710)  
Fire Retardant Plywood (IS : 5509)  
Gurjan Core Plywood  
Flexible Plywood  
Calibrated Plywood  
Decorative Plywood

### BLOCK BOARD

Block Board Interior Grade (IS : 1659)  
Block Board Exterior Grade (IS : 659)

### SHUTTERING PLYWOOD

Film Faced Shuttering Ply (IS:4990)

### DOORS

Flush Doors Non Decorative (IS : 2202 Pt-1)  
Flush Doors Decorative (IS : 2202 Pt-1)  
Fire Retardant Flush Doors

### WPC

Wood Plastic Composite

### MDF

Interior Grade  
Exterior Grade  
Textured MDF  
Pre Laminated MDF  
Veneered MDF



# ABOUT US

GMG Plywoods Pvt. Ltd. established in 1993 is a reputed Manufacturer of a wide range of Ply products in Yamunanagar, Haryana. The Stringent Quality controls and raising benchmarks have enabled the company to emerge as a reputed Manufacturer of ply products in the country.

The Group has also started Manufacturing WPC (Wood Plastic Composite) using the state of art Patented European Technology under its GMG Brand and MDF (Medium Density Fibre Board) under the brand Crosta Panels which manufactures a range of Interior and exterior grade MDF boards such as Textured MDF. Pre Laminated MDF and Veneered MDF. Being a Technology-driven Group, all the plants are equipped with the advanced and latest manufacturing and tooling facilities. Our continuous innovation and technological advancement make GMG Group and its products different from others. All GMG Products are empowered by TGP Technology.

We strongly believe that "Quality is the best business plan"

# NETWORK

GMG started production of plywood in 1993. We formed our sales channels by appointing dealers and distributors across the length and breadth of India. We at GMG take pride in the fact that the people we started our business with are still our valued partners and this is a testimony to the fact that GMG values and focuses on creating an ecosystem where everyone benefits. GMG along with its more than 100 sales partners works as a unit with structural synchronisation to achieve short term goals and long term objectives.

The entire **GMG team** follows the following 5 principles:-



**TRUTHFULNESS**



**PROFESSIONALISM**



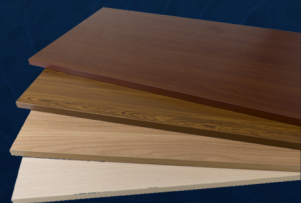
**KNOWLEDGE**



**RESPECT FOR TIME**



**QUALITY**





**40** सीटीयों के बाद भी कुछ नहीं हुआ प्लाई है या लोहा?



ऐसी प्लाई कोई और नहीं  
आपकी **GMG** मरीन ग्रेड प्लाई।  
**IS:710**



# MARINE PLYWOOD IS:710

GMG Marine Plywood is manufactured as per IS:710 Boiling waterproof standards and is made from special hardwood veneer. It is bonded with undiluted Phenol Formaldehyde Resin at extremely high temperature and pressure. Therefore, this plywood can take extreme changes in temperature, humidity and alternate wetting and drying which are all the prerequisites for plywood used in marine applications. Being powder proof guarantees protection against borer & termites. Due to the nature of the application, it is made to resist fungal and micro bacterial attacks also. This marine plywood is strong enough to withstand the excess load, thrust and vibrations. It is dimensionally stable and an ideal choice for high-quality projects.

## MARINE PLYWOOD IS AVAILABLE IN 3 VARIETIES

### 1. HARDWOOD CORE WHICH IS ALSO KNOWN AS RED PLYWOOD

Hardwood Ply is made by using hardwood eucalyptus core veneer.

### 2. GURJAN CORE MATERIAL

Gurjan core plywood is made by using gurjan core veneer.

### 3. ALTERNATE PLYWOOD

This plywood is also called red and white plywood that consist of one layer of poplar core veneer and eucalyptus hardwood core veneer.

## AREAS OF APPLICATION

Used in centring, shuttering and concrete columns. Repair, construction & maintenance of marine, river crafts, pontoons, dinghies, fishing & sail boats, etc. Additionally, it can be used in heat exchangers, public hoardings, sign boards, tea weathering troughs, cooling towers & jetties. Also of extensive use in tanks carrying liquid chemicals, portable cabins, shelters exposed to severe conditions as well as structural applications.



**100%  
FIRE  
SHIELD**





# FIRE SHIELD SERIES

## FIRE RETARDENT PLYWOOD IS:5509

GMG Fire Retardant Plywood meets IS 5509-2000 standards offering resistance to ignition, surface spread of flames and flames penetration by suitable chemical treatment. Fire retardant characteristics are a very important property to prevent propagation of fire at the initial stages. Flame penetration: The time taken for flame penetration shall not be less than 15 minutes for every 6mm thickness. Rate of burning: The time taken to lose weight from 30 percent shall not be less than 20 minutes. Flammability: The time taken for second ignition shall not be less than 30 minutes.

DIMENSIONS	BIS REQUIREMENTS	OBSERVATION VALUES
1. Length	2440 + 6 0	2442mm
2. Width	1220 + 3 0	1222mm
3. Thickness	12mm + 5%	11.80mm
4. Squareness	2mm/1000mm	0.95mm
5. Edge straightness	2mm/1000mm	0.50mm
6. Workmanship & finish	As per clause 9.1 to 9.2	Satisfactory
P H Y S I C A L P R O P E R T I E S		
7. Density	0.60 - 0.65gm/cm <sup>3</sup>	0.64gm/cm <sup>3</sup>
8. Moisture contents	5 - 20%	10.25%
9. Water-resistance test Cyclic test 8 hours - 16 hours Boiling-drying 3 Cycles	Pass standard	Excellent
10. Mycological Test	Pass standard	Excellent
11. Static bending strength Along the grain M.O.E.  Across the grain M.O.E.  Along the grain M.O.R.  Across the grain M.O.R.	Avg. - 5000N/mm <sup>2</sup> Ind. - 4500N/mm <sup>2</sup>  Avg. - 2500N/mm <sup>2</sup> Ind. - 2200N/mm <sup>2</sup>  Avg. - 40 Ind. - 36  Avg. - 20 Ind. - 18	5850 N/mm <sup>2</sup> 4020 N/mm <sup>2</sup>  3480 N/mm <sup>2</sup> 2855 N/mm <sup>2</sup>  47.80N/mm <sup>2</sup> 36.40N/mm <sup>2</sup>  27.25N/mm <sup>2</sup> 20.35N/mm <sup>2</sup>
F I R E R E T A R D A N T T E S T S I S : 5 5 0 9 : 2 0 0 0		
12. Flammability	30 Min.	35 Min.
13. Flame penetration	30 Min.	33 Min.
14. Rate of burning	20 Min. (Wt. loss 30 to 70%)	28 Min.



# प्लाइ जो चलती जाएँ



आपने घर के लिए चुनें सिर्फ  
BEST PLYWOOD



# PLYWOOD IS:303

General-purpose plywood is manufactured as per the specifications of IS:303. It is treated with the latest derived preservatives. The chemical is mixed with resin to protect it from inside and after pressing the treatment is reapplied to shield it from external factors. It has a higher tolerance to humid environments and provides safety against twisting, warping, bores and termites. It has a strong core that makes it suitable for tough handling and rough environments. It is made using both hardwood core veneer and poplar veneer.

GENERAL PLYWOOD IS AVAILABLE IN 2 VARIANTS

## 1. HARDWOOD CORE WHICH IS ALSO KNOWN AS RED PLYWOOD

Hardwood Ply is made by using hardwood eucalyptus core veneer.

## 2. ALTERNATE PLYWOOD

This Plywood is also called red and white plywood that consist of one layer of poplar core veneer and eucalyptus hardwood core veneer.







# दमदार ब्लॉक बोर्ड

**BLOCKBOARD IS:1659**

GMG Block Boards are made in Moisture Resistant & Boiling Water Resistant Grade, duly bonded with Melamine Urea Formaldehyde & Fortified Phenol Formaldehyde Synthetic Resin respectively. It has high resistant properties against borer and termite attacks. The wooden battens are thoroughly seasoned in scientifically run seasoning kiln plants and then cut with great precision to obtain uniform thickness. These battens are systematically arranged and utmost care is taken to avoid any extra gap between the battens.

It is available with Masterwork, Excellence and Invention series. GMG Blockboard are available in both poplar wood filler and pinewood filler.



हमेशा साथ निभाए



## FLUSHDOOR IS:2202

GMG flush doors are made out of high-density wood to make them exceptionally durable and dimensionally stable with excellent tooling and finishing properties. The doors are made with chemically treated seasoned hardwood battens and frames. GMG flush doors come with Masterwork Series only.

Great Aquarius Flush doors are bonded with special quality Phenol formaldehyde synthetic resin as per the guidelines of IS: 2202. The flush doors are manufactured under strict quality control conditions that exceed the ISI specifications. GMG Doors are available in waterproof Shutter doors, Laminated doors, Veneered doors.





## GMG Laminated Door

Keeping up with trends is important no matter the field, and with our ready to use laminated doors you will be able to gain that posh and standard look. A plethora of designs and textures are available that will give an exceptional look to your interiors. The use of high-quality resin makes these doors extra durable. Our up to date categories will transform your space for the best and no one will be able to resist looking at it. These exclusive waterproof doors are available in different colours and textures. The wide range of this product can be used in a plethora of places, be it offices, houses or any other area. One of the key features of the laminated doors is that they are customizable and you can change them according to your needs.

**Available in 25mm | 30mm | 32mm | 35mm | 38mm | 40mm**



# GMG Veneered Doors

Gmg Veneered doors are the epitome of beauty and durability. They are designed with carefully selected veneers that symbolise permanence. Premium and luxurious styles are crafted by the hands of experts and are filled with unmatched strength and vitality. These doors can beat any external condition like climate, warp, wear and tear without taking any damage to themselves because of the use of high-quality veneers and resins. The seamless touch they showcase can catch any eye and embed themselves in the heart of every onlooker.

Available in 30mm | 32mm | 35mm | 38mm | 40mm





# BEST COMBO OF WOOD AND PLASTIC FOR THE LONGEVITY OF YOUR ALL UTILITIES

## UTILITIES



Doors



Modular Kitchen



Office Spaces



Interior &  
Exterior Furniture



Wall Panels



Wardrobe



Facades

ORIGINAL WPC



## Benefits



Calibrated  
For Uniform  
Thickness



Nailable &  
Scrowable



Heat  
Resistant



100%  
WATERPROOF



100% TERMITE &  
BORER PROOF



Environment  
Friendly



NO SHRINKING  
OR SWELLING



CLEAN AND  
ODOURLESS



CREATE MULTIPLE  
DESIGNS



Bacteria &  
Fungal Free



100% FORMALDEHYDE,  
PHENOL AND  
TOXIC FREE



HIGH DENSITY



# WPC BOARD

WPC board is a mixture of wood fiber/wood flour and thermoplastics. It is a highly durable and safe material used for construction purposes. WPC boards are also prepared from inorganic fillers and plastic composites. Wood and plastic composite are also used as a strong, high-quality coating option. WPC Board is highly suitable for interior applications having wet conditions, high load-bearing surfaces, high traffic & high-temperature areas.

## WHY CHOOSE? GMG WPC OVER W/PVC FOAM BOARD

	W/PVC	WPC
1. Wooden Feel & Finish	No	Yes
2. Contains Wood For better Strength	No	Yes
3. Made With European Technology	No	Yes
4. Lead & Toxic Free	No	Yes
5. Anti Fungal	No	Yes
6. Screw Holding Capacity	Low	High
7. Load bearing Capacity	Low	High
8. High End & 5d CNC Routing Friendly	No	Yes
9. Mouldable in various shapes with Hot Gun	Low	High
10. Stays intact in Adverse Conditions	Low	High
11. Flame Resistance	Low	High

## KEY AREA OF APPLICATION:

- Restroom Toilet Cubicle
- Load Bearing Area – Decking/ Warehouse Shelves/ Staircases
- Truck/ Container Floor
- Outhouse Furniture
- Bus Body Floor
- Wall Panelling
- Furniture
- Fixtures
- Terrace Garden Furniture
- Moist Area Furniture
- Modular Kitchens
- Wardrobes
- Outdoor Flooring
- Cold Storage



For those who seek  
*Perfection*

**Toughness is the essence and  
a quality that you can rely on**

- Highly Durable
- Guranteed More Repititions
- Made with Hardwood Core & All Glue Line
- 100% Water Proof Shuttering Plywood
- Film Face Shuttering Plywood IS : 4990
- Available in 30 kg, 34 Kg, 36 Kg



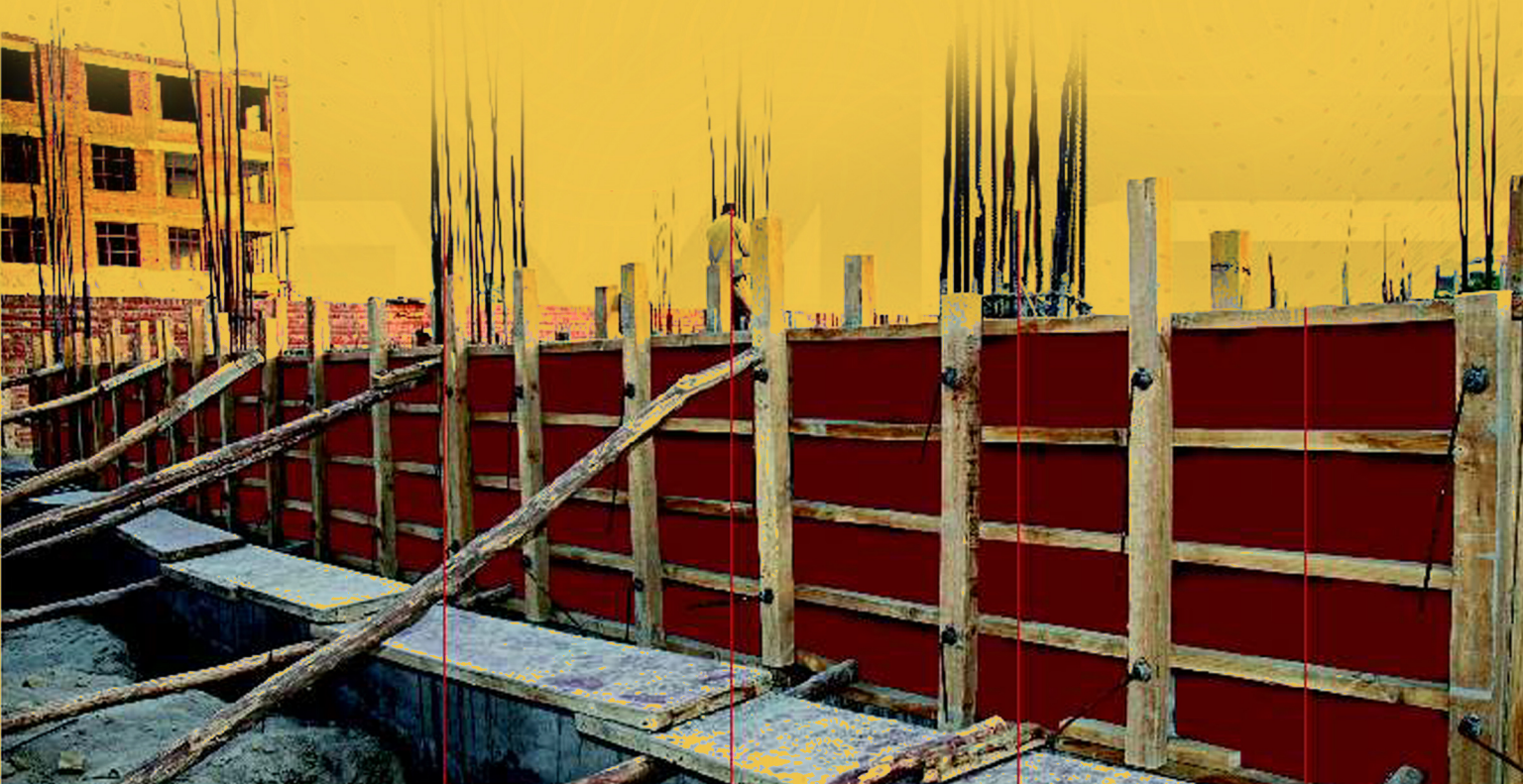


# FILM FACE SHUTTERING PLYWOOD IS:4990

GMG Film faces Plywood is compact and toughened quality structural plywood. This is the most elegant, durable, superior film faced densified shuttering Ply. Its strength factor exceeds to with stand any amount of a load of concrete and the vibration caused by pouring the concrete. It does not degrade against wear and tear, warp less and twist free. Its protective properties resist attack from termite, fungus, rot & other destructive elements.

## **TIPS ON MAINTENANCE**

1. FFDSP Should be stored in packs on a Level. Flat and raised surface in a clean, dry and covered place with free circulation of air.
2. The boards and stacks shall be protected from rain and dampness.
3. Extra care should be taken to avoid any scratches.
4. The plywood boards shall not be dragged over one another as this would scratch the surface.
5. If the edges are dragged on faces or any extraneous matter like sand or small stone particles lies in between the surfaces.
6. Cut edges of the plywood at the time of making concrete former should also be coated with suitable sealants like chlorinated rubber paint, for longer life of the board.
7. For better repetition, panels should be dried by stacking in free circulation of air and on suitable spacers after each use.







साथ चले सालों साल  
और घर की शोभा  
**GMG** का दमदार माल





# MDF BOARD

(Medium Density Fibreboard) is constructed by condensing lots of small wood fibers together with glue. It does not have visible wood grains or knots because it is made up of small wood fibers. Furniture or other objects created using MDF are lot less expensive as compared to wood thus it's the perfect economical choice MDF (Medium Density Fibreboard) is wood fibre-based panels. One of the most attractive aspects of MDF is its homogeneous, one-piece construction. The board density of GMG MDF is better than most other products on the market because our board is made from hardwood. Using special German technology, our Boards have the best routing characteristics because they are pressed in such a way that compression pressure reaches the board's core, which is critical for high-quality routing. We also produce in E0, E1 & E2 Grade.

## KEY AREA OF APPLICATION:

- Laminate Flooring Substrate
- Embossed Panels for Wall Cladding
- Kitchen Shutters
- Door manufacturing
- Decorative Display Panels
- Railway Cushion Base
- Automotive Internal panels

## BENEFITS

- Compared to plywood, MDF is usually cheaper.
- The smooth surface of MDF makes it an excellent surface for painting
- MDF cuts and carves easily because of its smooth edges.
- Compared to particle board, it is denser and stronger.





Since 1993<sup>®</sup>

# GMG

PLY • DOOR • MDF • WPC

Khwab ko hakikat banaye...



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