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## PRODUCT RANGE

FILM FACE PLYWOOD | LVL | TRANSPORT FLOORING | COMPREG PLYWOOD | INTERIOR PLYWOOD

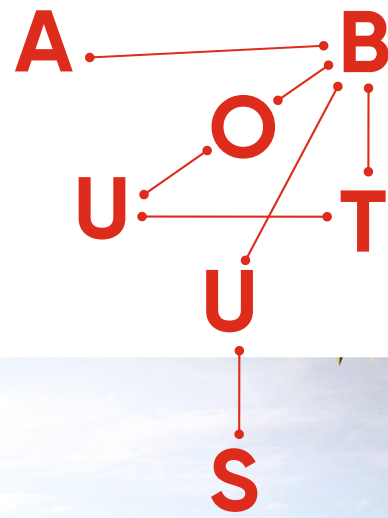


EXPORT QUALITY  
WOOD  
BASED  
PRODUCTS

Mail Id : [gati.alloysteel@gmail.com](mailto:gati.alloysteel@gmail.com)  
WWW.GATIPLY.COM

FOR INDUSTRIAL  
CONSTRUCTION &  
AUTOMOBILES PURPOSE





Alloy Steel & Castings is an ISO 9001:2000 certified manufacturer and supplier of Film Faced Ply, Film Face Plywood, Film Face Shuttering Plywood and Chequered Plywood. In addition to these, we offer a range of Aluminum Composite Bus Flooring, Compreg Flooring, and Truck Flooring. The products we offer are made up of superior quality material, which is sourced from authorized vendors of the market. Can be availed by the clients in different colors, sizes, shapes, and thicknesses, our products are widely applauded for their seamless finishing, dimensional accuracy and durability. The plywood we offer finds its extensive applications in the construction of varied water tanks, bridges, cooling towers building, and many more places. We are attaining enviable growth and success in the era of cutthroat competition due to the support of talented professionals & advanced infrastructure facilities. Our professionals are updated with the pros & cons of their assigned duties, which benefits in having the accomplishment of every specific task with perfection & on-time. Further, the experts of our firm make apt use of hi-tech machines and other resources for making the offered range available to clients at economical rates. Owing to our competitive rates and ability to fulfill bulk or urgent orders of patrons within the least possible time period, we have mustered numerous patrons, across the market.

## QUALITY ASSURANCE

We believe that quality is the result of intelligent efforts and it does not come accidentally. This is the reason, all our products including Chequered Plywood, Film Face Shuttering Plywood, Aluminum Composite Bus Flooring, Truck Flooring, and Compreg Plywood Flooring are made in tandem with international norms. A quality controlling team monitors each stage from raw material procurement to final dispatch for having a commendable range.

This team also undertakes the task of gauging manufactured products at sound testing unit on varied parameters for ensuring their flawlessness.

Our offered plywood is tested on the basis of their resistance to termite, finishing, dimensional accuracy and durability. Moreover, our flooring is dispatched after passing quality tests that are conducted on the grounds of their finishing, looks, and resistance to slip & abrasion. ible time period, we have mustered numerous patrons, across the market.

We are acknowledged as a reliable manufacturer and supplier of the following products:

- Film Face Shuttering Plywood
- Chequered Plywood
- Aluminum Composite Bus Flooring
- Compreg Flooring
- Truck Flooring

All our flooring can be availed by the clients in different standard sizes, thicknesses, and specifications, whereas plywood can be purchased from us in varied sizes, shapes, and weight of 23 kgs, 34 kgs, 36kgs, and 38 kgs.

## WHAT WE OFFER?

## MANUFAC-TURING FACILITY

For uninterruptedly bringing forth offered products, we have developed a modernized manufacturing unit. Considered as an integral part of us, our manufacturing unit enables in coping up with the rapidly growing demands of clients in a dexterous way. The offered products such as Film Face Shuttering Plywood, Chequered Plywood, Compreg Flooring, Truck Flooring, and all others are made with the aid of following machines:

- High Pressure Hydraulic Press
- Paper Impregnation Plant
- Double Dimension Cutting Machine

All our machines are calibrated within regular intervals for ensuring efficient working. Moreover, a team of adroit professionals looks after the smooth execution of all business operations that are taking place within our infrastructure.



# CONSTRUCTION SECTOR

## LVL PLYWOOD

LVL  
[IS:14616 :1999]

LVL Is A Engineered Wood Product Made With Thick Sliced Veneers Glued Together.

Unlike The Manufacture Of Plywood, In LVL (laminated Veneer Lumber) Adjacent Veneers Are Placed In The Same Directions. Same As Plywood, In LVB (laminated Veneer Board) Adjacent Veneers Are Placed At Right Angles.

LVL Lumber Can Be Used In Solid Wood Door Core, Door Frame, Door Rail And Stiles, Furniture, Packaging, And Formwork Beams.

### LVL PROPERTIES

- ✓ **Size** : length upto 3360 mm
- ✓ **Thickness** : 50 to 100 mm
- ✓ **Density** : 0.65 to 1.20 gm/cm<sup>3</sup>



LVL is a great alternative to solid timber in many industries including the packaging and construction business

Our company produces LVL lumber for furniture and construction. The major material we use is the poplar veneer.

If you are looking for quality LVL manufacturer, don't hesitate to contact us.



## DVL PLYWOOD

### DOUBLE VENEER LAMINATED MARINE PLYWOOD

DVL Marine Plywood Is A High Performing Product .marine Plywood Is Specially Treated Plywood That Is Designed To Resist Rotting In A High-moisture Environment. It Is Manufactured With Utmost Care In The Supervision Of Technical Experts With Well Selected Pieces Of Core And Face Veneers. Further, The Finished Plywood Is Subjected To Proper Chemical Treatment With Water-soluble Fixed Type Preservatives Under Vacuum Pressure To Ensure Protection Against Wood Destroying Organism And To Make The Product Insects, Borer, Termites And Fungi Free.



Being Highly Resistant Plywood To Changes In Weather And Atmospheric Conditions, Marine Plywood Is Used For All Types Of Woodworking In Marine And Sea Going Vessels. It Also Finds Good Application In Air-freight Container Making. Now-a-days, Instead Of Using The Normal Plywood, Marine Plywood Can Be Used In Kitchens And Bathrooms.





# SHUTTERING PLYWOOD

We are a renowned manufacturer supplier of Film Faced Shuttering Plywood. This Plywood are provided in different sizes and shapes as per client's requirements. Our offered products are manufactured using the latest technology and high-grade raw material. These products are highly demanded and appreciated by our clients and available at market leading prices



## Advantages

- ▶ Good Uniform Strength
- ▶ Available In Large Sizes Compared To Solid Wood
- ▶ Lesser Wastage Of Wood
- ▶ Versatile Material That Has Many Applications
- ▶ Durable Material

SHUTTERING PLYWOOD [IS-4990 :2011]



## FILM FACED PLYWOOD

This plywood is manufactured using an ultra-modern technology in compliance with set industrial norms. Moreover, the entire range is tested against various quality parameters to ensure their best performance and strength. Clients can avail this **Film face Shuttering Plywood** in many specifications according to their needs and requirements.

## THICKNESS & SIZE

**Size:** upto 1830x3360mm

**Thickness:** 12, 16, 18 mm

**Weights:** 30, 34, 36, 38kg in 12mm & 50 kg in 18mm

**Density:** 0.85 to 1.20 gm/cm<sup>3</sup>

# INDUSTRIAL SECTOR

## PLYWOOD PALLETES

These boards, as the name suggests, are **used in concrete blocks & pavers manufacturing** which is designed especially for this application. The boards are made from specific species of timber which offers high strength, durability, resistance to vagaries of nature.

Production Pallets & Boards for Concrete Blocks & Pavers:

These boards, as the name suggests, are used in concrete blocks pavers manufacturing which is designed especially for this application. The boards are made from specific species of timber which offers high strength, durability, resistance to vagaries of nature. The timber is processed into thin veneers which is then impregnated with high quality resin to bind these veneers into a board which has properties similar to steel or alloys

## PROPERTIES :

- ✓ Strength with a density of 0.95 – 1.05 gm/cc
- ✓ Enhanced load bearing capacity
- ✓ High resistance to Moisture absorption
- ✓ Withstand temperatures from – 10°C up to 120°C
- ✓ Flatness ≤ 2 mm over the length of board

## FEATURES:

- ✓ Free From External Damage
- ✓ Fine Appeal
- ✓ Supreme Longevity





# COMPREG PLYWOOD



This Plywood Is Manufactured With Veneers From Hardwood Plantation Timber And Impregnated With A Special Combination Of Highly Effective Fire Retardant Chemicals Prior To Bonding Providing Uniform Fire Retardant Characteristics Not Only On The Surface But To The Very Core Of Each Veneer. The Plywood Is Also Treated With Thermosetting Resins And Micro Organism Resistant Chemicals And Finally Densified Under High Pressure And Temperature.

### PRODUCT FORMATS

- ✓ **Sizes :** Length up to 3360mm
- ✓ **Thicknesses :** 35 mm to 60 mm



Premium Grade Plywood That Emerges From A Manufacturing Process That Involves Extremely High Pressure In A High Tonnage Hydraulic Pressure. The Result A Product Suitable For High Wear And Tear. The Product Has A Strong Screw Holding Capability

**Suitable For:** Boxes For Heavy Equipment, Electrical Transformers, Fish Storage, Industrial Pallets, Railway Berths And Seats, Marine Decks And Cabins And More.

# FR PLYWOOD



FR PLYWOOD  
[IS:5509:2000]

Fire Retardant Plywood Is A Type Of Plywood Which Is Treated With Special Fire Retardant Chemicals At The Time Of Manufacture, So That It Becomes Better At Resisting Fires. It Is Also Known As Fr Grade Plywood. Fire Retardant Plywood Manufacturers, Suppliers, Exporters, Dealers And Traders In Mumbai, India To Worldwide Frp Plywood Industries Since 1996 As Per The Iso Standards With Assured Quality, Reliability And Durability  
It is commonly used in public places, where the risk of fire has to be reduced such as for making the woodwork in the kitchens of large restaurants, or for the interior woodwork done in public theatres and halls, and the wood used in the railway compartments of our trains.



### APPLICATIONS :

Ship-building, Railway Coaches, Vehicle Bodies, in Boiler House, Kitchen, Inner Roof Wall Linings, Partitions, Multiplexes and in Exhibition Stalls.

### PRODUCT FORMATS

- ✓ **Standard Thickness (MM):** 4, 6, 9, 12, 16, 19
- ✓ **Standard Sizes (FT):** 8x4, 8x3, 7x4, 7x3, 6x4, 6x3
- ✓ **Density:** 0.65 to 1.20 gm/cm3





# BUS

## FLOORING

Container flooring plywood is made from thin veneers of matured hardwood, which are stacked together. Bonded under heat and pressure with synthetic phenolic resin to form a strong product. Container flooring plywood resists cracking, shrinkage, twisting and warping.

Standard shipping container flooring usually consists of marine hardwood plywood made from Apitong or Keruing in 25-30mm thickness. It is occasionally varnished but with costs being kept to a minimum these days it will usually come in a plain finish and treated.

Timber plank flooring can be seen on older containers but the trend these days is more towards plywood. The hardwood used in containers however is in danger of running out and many container companies have run trials with alternatives.

### PROPERTIES :

- ✓ Universal Multilayer Flooring Panel
- ✓ Excellent Wear Resistant
- ✓ Slip Resistant Surface
- ✓ Strong And Durable



### SIZE & THICKNESS :

- ✓ **Width** : 1850mm
  - ✓ **Length** : 3360mm
  - ✓ **Thickness** : 28mm
- (customize Sizes Are Available As Per Customer's)

### RECOMMENDED USES

- ✓ Containers
- ✓ Trailers
- ✓ Warehouse



# CUSTOMISED

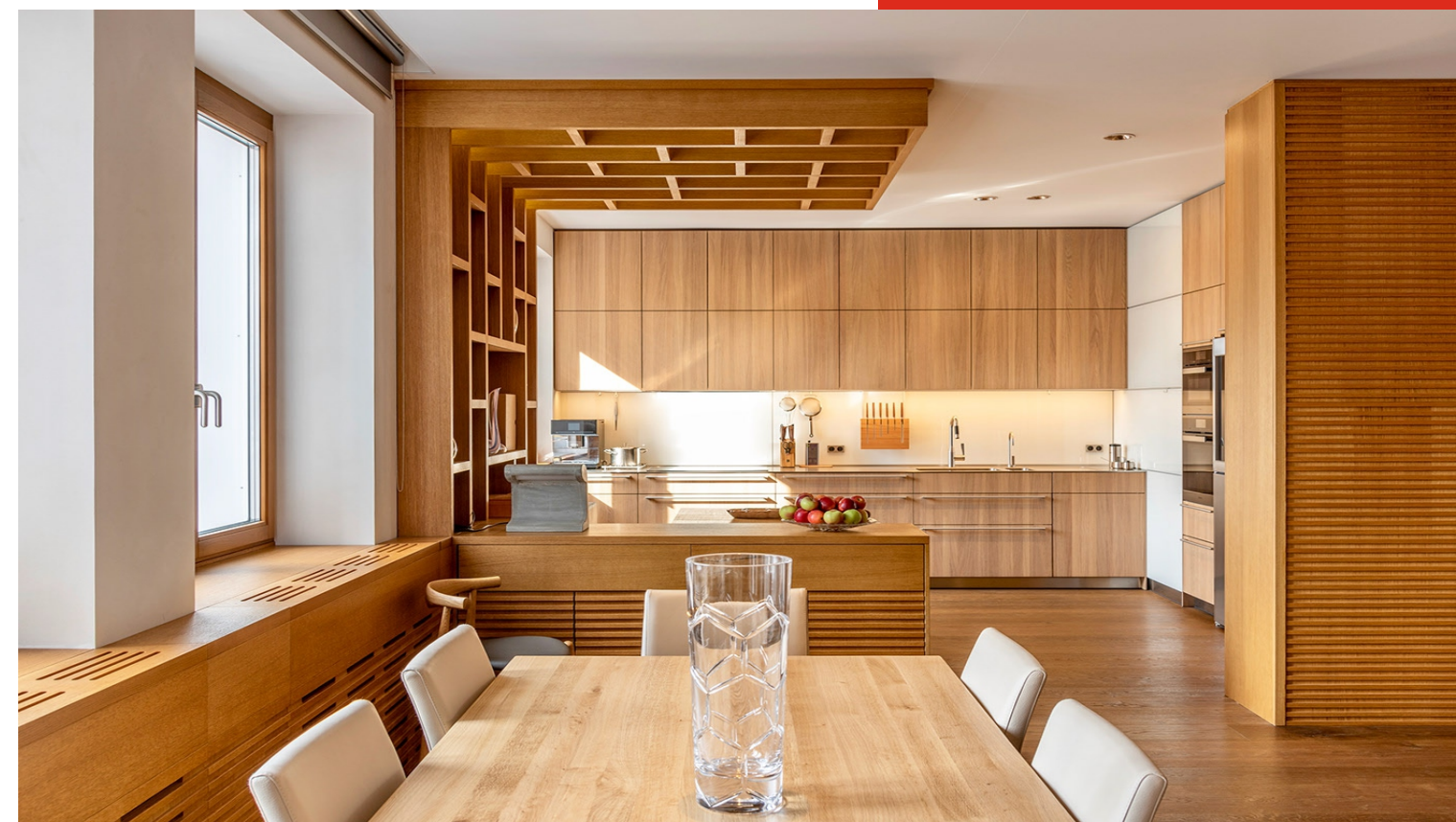
## MR /BWR/BWP PLYWOOD

We produce and export customized plywood for our clients as per their requirement and use. We can produce any thickness in any required size with and without addition of other materials.

Customised plywood division was created to cater to special needs for our special clients

### Advantage:

- ✓ Flexible, inexpensive, workable and reusable
- ✓ Resistance to cracking, shrinkage, splitting, and twisting/warping, used instead of plain wood
- ✓ High degree of strength and very hard to bend





# TRANSPORT SECTOR

## TRUCK FLOORING

Truck Floor Panels Is A Wood Based Laminated Panel With Wire Mesh Pattern Intended For Extra Heavy Use. We Offers An Excellent Solution For Truck And Trailer Flooring As Well As For Other Technical Flooring Applications.

The Base Panel Is Made With High Quality Dried Veneers And Layers Of Imported Birch Veneer Bonded With Viscous Phenol Formaldehyde Resin Conforming To Is 848. Our Phenolic Resin Cross-bonded Weather Resistant Gluing According To En 314-2/class 3. To Maintain The Rigidity Of Top Surface We Use High Gsm Upto 250 G/m2 Black / Dark Brown Overlay Phenolic Resin Impregnated Multilayer Laminate With Wire Mesh Patter

### SIZE & THICKNESS :

- ✓ Extremely durable and weather resistant overlay
- ✓ Highly slip resistant wire mesh surface which ensures excellent loading safety
- ✓ Light and dimensionally stable
- ✓ Strong and rigid
- ✓ Withstands impacts and other forms of bruising
- ✓ Easy to machine and fasten using conventional woodworking tools and fasteners
- ✓ Easy to clean



### SIZE & THICKNESS :

**Width :** From 900mm to 1830mm

**Length :** length upto 3360mm

**Thickness :** 12MM, 16MM 19MM & 25MM. (customize sizes are available as per customer's requirements).

### RECOMMENDED USES :

Truck Floor Panel Is An Ideal Panel For Transport Applications That Require Highly Wear-resistant And Rough Surfaces:

**Vehicle Floors (Trailers, Trucks, Lorries, Vans Etc.)**

**Railway Wagon Floors , Ship Decking**

**Transport Platforms**

## CONTAINER FLOORING

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Standard Shipping Container Flooring Usually Consists Of Marine Hardwood Plywood Made From Apitong Or Keruing In 25-30mm Thickness. It Is Occasionally Varnished But With Costs Being Kept To A Minimum These Days It Will Usually Come In A Plain Finish And Treated.



Timber Plank Flooring Can Be Seen On Older Containers But The Trend These Days Is More Towards Plywood. The Hardwood Used In Containers However Is In Danger Of Running Out And Many Container Companies Have Run Trials With Alternatives.

### RECOMMENDED USES

Containers | Trailers | Warehouse



### PROPERTIES :

- ✓ Universal Multilayer Flooring Panel
- ✓ Excellent Wear Resistant
- ✓ Slip Resistant Surface
- ✓ Strong And Durable

### SIZE & THICKNESS :

✓ **Width :**1850mm

✓ **Length :** 3360mm

✓ **Thickness :** 28mm

(customize sizes are available as per customer's requirements).



# CHEQUERED PLYWOOD

Chequered Plywood Is One Of The Best Transportation Purpose Plywood. The Ply Has A Chequered Pattern On Its Surface. Because Of High Pressure, The Panel Develops High Density That Can Sustain High Traffic On Flooring In Public & Industrial Use.

It Is A Combination Of High Quality Hardwood Veneer Coated With Water Proof Thermosetting Synthetic Phenolic Resin And Top And Bottom Layer Of Impregnated Paper Film To Provide Higher Scratch Resistant And Excellent Anti Skid Propertie

## SIZE & THICKNESS

- ✓ **Thickness:** 12, 16 & 18 mm
- ✓ **Weight:** 30 & 34 Kg in 12 mm, 40kg in 16mm & 51 Kg in 18 mm
- ✓ **Sizes:** From 762 x 1676 upto 1850 x 3360 mm
- ✓ **Density:** 0.845 to 1.20 gm/cm<sup>3</sup>



# ALUMINIUM COMPOSITE BUS FLOORING

We Are An Iso 9001:2000 Certified Company, Engaged In Offering Aluminum Composite Bus Flooring That Is Widely Used For Flooring Purposes. Our Professionals Design & Manufacture The Offered Flooring Using Optimum Quality Aluminum And Modern Methodology As Per The Latest Market Trends.

The Offered Aluminum Composite Bus Flooring Is Highly Admired By Our Clients For Its High Strength, Corrosion-resistant Surface Finish, Cost-effectiveness And Is Available In Different Specifications.

## Features:

- ✓ Bwp Grade
- ✓ It Can Be Used For Sound Proofing, Reduction In Temperature & Vibrations.
- ✓ Buses Deck, Heavy Automobile Floor, Paneling, Seats, Back Rest Of Seats





# BWP / BWR GRADE PLYWOOD

It's A Waterproof Exterior Grade Plywood Of Good Quality, That Is Suitable For Most Home Furniture Requirements. Most Of The Interior Designers And Carpenters, Prefer To Use Bwp Plywood For Making Kitchen Cabinets And Other Kitchen Furniture.

Bwp Plywood Or Boiling Water-resistant Plywood, As The Name Suggests, Is Highly Water-resistant Plywood. It Is Completely Waterproof And Is Widely Used To Make Furniture For Home, Office As Well As Outdoors. Bwp Plywood Is Made From Phenolic Resins.

## THE IMPORTANT FEATURES OF BWP PLYWOOD ARE LISTED BELOW.

As An Exterior Plywood Grade, Bwp Plywood Can Be Used Indoors, Outdoors And Semi-outdoor Purposes With Humid Conditions.

Bwp Plywood's Waterproofing Characteristics Come From A Grade Phenolic Resins Or Phenol Formaldehyde Adhesive Used In Its Manufacturing.

It Can Resist Water Better Than The Interior Grade Mr Or Moisture-resistant Plywood. So, It Is Generally Used For Meeting Those Furniture Requirements In The Home, Where The Plywood May Be Exposed To Water, Such As Kitchen Cabinets And Kitchen Furniture.

Bwp Plywood Is Warp Free And Has Super Strong Bonding And Zero Surface Core Gaps.

The Core Layer Is Treated With Various Toxicant Chemicals Using Vpi Technology That Makes Bwp A Termite Proof Plywood.



# FLEXIBLE PLYWOOD

Flexible Plywood Is A Kind Of Plywood Obtained From Non-hard Woods. The Most Important Reason For Being Called Flexible Is Because It Can Take Shape Easily. This Easy-to-take Shape Wood Product Is Very Useful And Widely Used In A Variety Of Plywood.

Flexible Plywood Is Architect's First Choice In Creating Artistic Furniture Designs. As The Name Suggests, This Plywood Can Be Easily Bent Into Any Shape Without Cracking, Chipping, Peeling Or Staining. Depending On An Artist's Imagination, A Wide Range Of Artistic Creations Are Now Possible To Develop With This Plywood.



Flexible plywood is often used especially when the wood is designed. Because flexible plywood can easily flex and bend, it is easy to design. Therefore, it is highly preferred.

## FLEXIBLE PLYWOOD USAGE AREAS:

Wood Design \* Doors \* Stairs \* Furniture Design  
Kitchen \* Bathroom \* Roofing \* Exhibitions  
Movie Sets \* Industrial Areas \* Spring Construction  
Television Unit Construction \* Bench Construction

- ✓ No Special Equipment Required To Bend, Fabricate Or Laminate.
- ✓ Can Be Effortlessly Molded Into Desired Shapes.
- ✓ No More Sharp Corners In Any Furniture / Fixture.
- ✓ Standard Size(feet): 8 X 4
- ✓ Standard Thickness(mm): 4, 5, 6, 8, 10, 12, 15 & 18

