

PLYWOOD | BLOCKBOARD | FLUSH DOOR
SHUTTERING PLY | DECORATIVE PLYWOOD

ramaply®
मज़बूती बेमिसाल, चले सालों साल



AUTOMOTIVE GRADE
SPECIALIZED PLYWOOD

www.ramaply.com





**RAMA AUTOMOTIVE GRADE PLYWOOD
(ZERO Risk Plywood)**

Specially made for Automotive (Transport Sector) - most advanced & upgraded, especially when it comes to Quality, Accuracy & consistency which makes Ramaply pioneer leader in Transport Industry.

Quality of Rama Automotive Utility plywood is certified by following reputed institutes –

- ARAI Pune
- ICAT Gurgaon
- CIRT
- ECE (E6-R118) Europe

Rama Automotive Utilities Ply has shown their full confidence by (continuously from last so many years)prestigious OEMS like, Tata Marcopolo , Tata Motors, Eicher Bus & Trucks , Volvo Buses, Mahindra Trucks & Buses, Scania, Ashok Leyland, Daimler Trucks, MG group, SM Kanappa, KMS, ACGL, MSRTC, DTC, UPSRTC, ASRTU, etc..

RAMA Automotive plywood products manufactured strictly by VPI - Vacuum Pressure Impregnation technology to make it SDS (STRONG, DURABLE & SAFE).

Unique certifications & features of RAMA Automotive product ranges make it completely different than competitors:-

- 1- ARAI & CIRT certifications of all products.
- 2- Ministry of Belgium has awarded E6-R118 certifications to Rama FR Ply
- 3- All OEM certified brand (Tata, Eicher, Volvo, Ashok Leyland etc).
- 4- ASRTU has approved RAMA ply to use in all India STU buses.
- 5- Rama Sandwich ply has tested & qualified in minus 50 degree temp test for bonding.
- 6- Rama ply is available as per Bus floor designs with taper /round CNC cut.

RAMA AUTOMOTIVE GARDE PRODUCT RANGES

Types of Fire Retardant Ply:

1. Automotive BWP Grade Marine Fire Retardant Ply- IS-710 & 15061.
2. Automotive MR & BWR Grade Fire Retardant Ply IS -303 & 15061
3. Rama Premium Marine Fire Retardant Ply IS: 5509, IS-710 & 15061.

Types of High Densified Plywood products:-

1. Truck Floor board (IS:3513-Part-3, Type-6)
(With 2 layers of wire mesh)- (0.95-1.10gms/CM3)
2. Densified Chequered Ply -IS 3513. (0.95-1.20 density)
3. Aluminum composite Chequered Ply –IS -710 /IS:3513
4. Compreg platinum garde Ply IS: 3513 (0.95-1.25 gms/cm3)
5. Fire Retardant Chequered Ply (IS : 3513 & 15061)

Special Purpose Plywood:- (Developed jointly with various OEMs)

- 1- Sound Resistant Plywood (Enriched with 4mm Cork /rubber sheet)
(Developed jointly with Volvo Buses & RAMA R&D team)
- 2- Sandwich Plywood (Reinforced with 1mm GI sheet inside the ply.
(Developed jointly with Tata Motors /ACGL team)
- 3- Laminated Grey color Ply (Exclusively for Volvo export buses)
(Developed jointly with Volvo Buses team)
- 4- CNC Cut Plywood (Available as per bus floor designs) (Developed jointly with VECV & RAMA team)

RAMA Container grade plywood

- 1- As per IICL-TB001 grade (Can withstand up to 10000N / Container lift load without breakage)
- 2- As per IS:710 grade



RAMA Special Purpose Plywood:- (Developed jointly with various OEMs)

1. **Sound Resistant Plywood** (Enriched with 4mm Cork /rubber sheet) (Developed jointly with Volvo Buses & RAMA R&D team)

The product is having excellent sound resistant properties due to usage of 4mm thick cork /rubber sound insulating material inside the plywood and it reduces sound upto 20db.

It has inherent Marine & Fire retardant properties as per BIS & Bus code specifications.

The product is most suitable for luxury /AC buses and available from 6 to 25mm thickness and sound reduction is possible as per customer requirement.

2. **Sandwich Plywood** (Reinforced with 1mm GI sheet inside the ply. (Developed jointly with Tata Motors /ACGL team)

This product is developed exclusively for Tata Motors bus floor application with durability for more than 10 years.

The product is tested in most toughened conditions of climate from -40 degree temperature for 24 hours and +90 degree temperature for 72 hours and there were no defect observed in such extreme conditions and the test is conducted by Tata Motors Pune and certified by Tata Motors to use this product for extreme difficult climatic conditions area.

The product is having density of 1.80 gms/cm³ and it qualifies in all Marine & Fire Retardant properties as per BIS & Bus code standards.

3. **Laminated Grey color Ply** (Exclusively for Volvo export buses) (Developed jointly with Volvo Buses team)

Rama Grey color plywood is having excellent anti skid square /hexagonal surfaces in grey color and its most suitable for luggage area in luxury buses.

The plywood meets all Fire Retardant requirement as well as Marine properties with excellent 72 Hrs BWP properties.

The product is tested inhouse & on road conditions by Volvo Buses for more than 10000km trial and results are excellent in the product.

4. **CNC Cut Plywood** (Available as per bus floor designs) (Developed jointly with VECV & RAMA team)

Rama FR plywood is available as per bus floor designs of customer to avoid any cutting requirement at customers end. It does not require any pre /post modifications in product and it saves manpower cost & machining cost with minimum scrap generation.

It is most suitable for customer who is having bulk production of buses and who do not want inhouse dust /scrap generations on account of inhouse Plywood cutting.

VECV & Tata Marcopolo has totally stopped plywood cutting in-house the plant and Rama ply is supplying the plywood with 0 dimensional variations and angles, curves, Taper cut, joining & stapling is also involved in supplies.

					
					
					
					
					



Rama Board LLP

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