

PLYWOOD | BLOCKBOARD | FLUSH DOOR
SHUTTERING PLY | DECORATIVE PLYWOOD

ramaply[®]
मज़बूती बेमिसाल, चले सालों साल

AUTOMOTIVE GRADE
FIRE RETARDANT 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 AUTOMOTIVE FIRE RETARDANT PLYWOOD

Rama Fire Retardant ply specially made for Automotive (Transport Sector) is most advanced & upgraded, especially when it comes to Quality, Accuracy & consistency which makes Ramaply pioneer leader in Transport Industry.

Our product is tested & certified by ARAI, CIRT & awarded E-118 certifications by Ministry of Belgium.

The most unique feature of the RAMA Fire Retardant plywood is that it is Non-Leachable: the Fire Retardant chemical will not wash out with water or moisture over a period or during the fire fighting & Non Hygroscopic in Nature: It does not corrode the hardware elements like nails, screws over a period of fitted in buses.

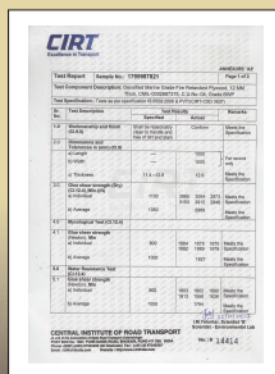
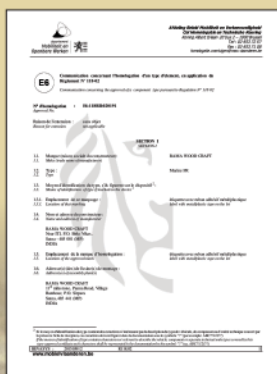
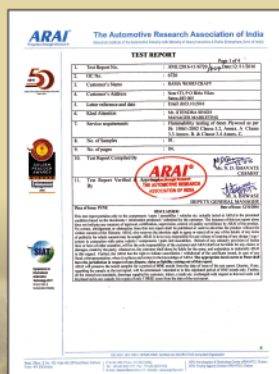
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Most unique Features:-

Advanced Features of Rama Automotive FR Ply has many more following features:-

1. 108 Hrs BWP against 72 hrs (as per BIS)- Made within house manufactured undiluted unextended Phenol Formaldehyde resin to make it 108 Hrs BWP.
2. Manufactured by V.P.I Technology : Before pressing all Veneers are treated by FR chemical through VPI Technology (Vacuum Pressure Impregnation Technology) and then after hot pressing, Ply is again treated by FR NON –LEACHABLE Chemicals.(does not wash out with Water/moisture) through VPI Technology to make it Fire retardant. Our Test result of flammability, rate of burning, flame penetration shows much higher values than prescribed in BIS specifications.
3. Customized design and dimensions availability-Rama Ply Engineering Department provides solution of most economical design and dimension as per customer specific requirement to save cost and time.
4. Easy to cut-Rama FR Ply is Carpenter friendly but at the same time without compromising strength.
5. Excellent screw holding capacity-Rama FR Ply made of selected species and hardwood veneer is having excellent screw holding capacity.
6. Processing of treatment: - Rama FR Ply is unlike tested & developed in house through continuous R & D over a period of processing.
7. Excellent surface for Lamination :- Smooth surface , Uniform thickness and super adhesion property of surface Veneer makes RAMA FR PLY excellent for lamination(Overlaying).



Application: - Exterior & Interior application for vehicle bodies.

Dimension availability:- standard 2.44 * 1.22 meter or as per requirement.

Thickness :- 4,6,8/9, 12, 15/16, 18/19, 25 mm.





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