

# ARON

PLASTWOOD

FEEL OF  
NATURAL  
WOOD

[www.aronplastwood.com](http://www.aronplastwood.com)





# ARON

PLASTWOOD

Aron plastwood industries is India's leading manufacturing company using European technology with modern technological measures.

Providing the premium segment of wpc foam board & pvc foam board with vision to supply superior quality and long lasting durability in wpc and pvc products.

Aron plastwood are the best substitute for the traditional use of wood and plywood.

WPC foam board are made by pvc resin and wood fiber at certain ratio, added with special additives and extruded at high temperature.

It is used in Furniture, construction and display board, exhibition stands, graphics, and specially used in modular kitchen.

Our second product is PVC foam board. PVC foam board is strong, hard shiny, UV resistance, anticorrosion and waterproof resistance. It is used in kitchen cabinet ,home and office furniture etc.

Aron plastwood provide green products which are completely eco friendly and environment friendly products.



# ABOUT US



## PRODUCT APPLICATIONS

**Aron Boards** can be used in multiple applications

- Signage** - Sign Boards, Letter Displays, Shop Decorations, Exhibition Stalls Etc...
- Furniture** - Doors, Windows, Tables, Counters, Kitchen & TV Cabinets, Wardrobes, Shelves, Cots, Dressing Tables Etc...
- Fabrication** - Security Rooms, Bathrooms, Site Office, Class Rooms, Hospitals, Camp Site, Beach House, Boat House, Farm House Etc...
- Cold Storage** - Due to excellent thermal insulation property, resistant to water & moisture and totally nonferrous surface, Aron provides an ultimate material for cold storage & food industry.
- Laboratory** - You can also use our boards in laboratory desk because our boards are non toxic and have strong chemical resistance.
- Automobile** - You can use our boards in flooring of automobile field because of they are solid and durable, moisture proof, flame retard & easy to clean.
- WPC Shuttering Boards** - It is a new building template material. Its a good product instead of steel boards, Plywood, Bamboo plate and gypsum board, Aron WPC can be recycled multiple times so the total cost is lower than the current use of materials. It has excellent flame retardant performance, It is a 100% moisture proof and can be kept in water for long time. Can be cut with saw & can be nailed as plywood.



## PRODUCT FEATURES



Environment Friendly



Eco Recycle Product



100% Water Proof



Termite & Borer Proof



Fire Retardant



Moisture Proof



Bacteria & Fungus Resistant



Excellent Screw Withdrawal Strength



## PRODUCT TECHNICAL DETAILS

**Available Size** : 4ft x 8ft | **Thickness** - 4mm to 25mm | **Density** - 550 kg/m<sup>2</sup> to 800 kg/m<sup>2</sup>

**WPC Board Available Colour** : Cherry, Brown, Dove Grey, Yellow

**PVC Board Available Colour** : White

**Door** : Customization possible in width & length (Thickness - 25, 28, 30 mm)

# WPC & PVC FOAM BOARD & APPLICATION



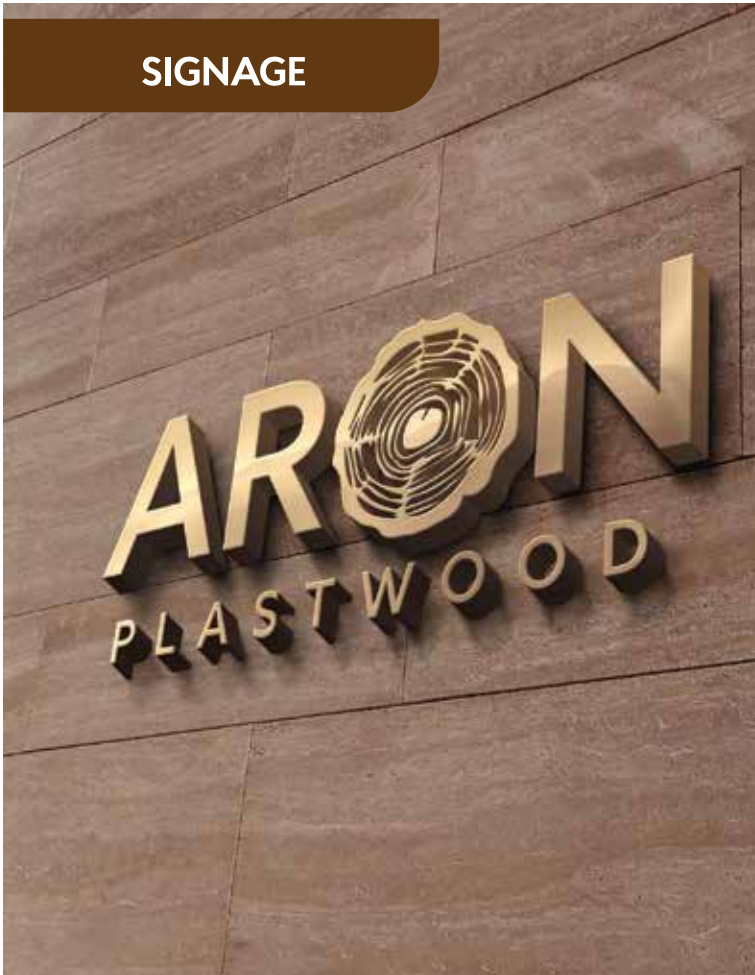
**DOORS & FRAME**



**OUTDOOR FURNITURE**



**SIGNAGE**



**OFFICE FURNITURE**



# PRODUCT APPLICATIONS

**ARON**  
PLASTWOOD

## MODULAR KITCHEN



## HOUSEHOLD FURNITURE





## PRODUCT COMPARSION

CHARACTERISTIC	ARON BOARD	PLYWOOD	MDF OF MEDIUM	PARTICLE BOARD
Water & Moisture Proof	✓	✗	✗	✗
Termite & Pest Proof	✓	✗	✗	✗
Boiling Water Proof	for longer time	for lesser time	for lesser time	for lesser time
	✓	as compared	as compared	as compared
No Shrinking or Swelling	✓	✗	✗	✗
Fire Retardant	✓	✗	✗	✗
Borer Proof	✓	✗	✗	✗
Corrosion Resistance	✓	✓	✓	✓
Light Weight	✓	✓	✓	✓
Splinter Free	✓	✗	✗	✗
Maintenance Free	✓	✗	✗	✗
Environment Friendly	✓	✗	✗	✗
Smooth Surface	much more smoother	less smother	less smoother	less smoother
Outdoor Adaptability	✓	✗	✗	✗
Gluing & Lamination	✓	✓	✓	✓
Weather & Ageing Resistant	✓	✓	✓	✓
High Screw & Nail Holding Capacity	✓	✓	✓	✓
Sawing & Cutting	✓	✓	✓	✓
Use Traditional Tools	✓	✓	✓	✓



## PRODUCT SPECIFICATION

PROPERTY	TEST	UNIT	VALUE
Density	IS:1734	Gms/cc	0.75
Hardness	ASTM D 2240	---	85
Tensile Strength	IS:1734	Kg/cm2	123
Elongation Break	IS:1734	%	16
Compressive Strength at 10% deformation	IS:1734	Kg/cm2	110
Flexural Strength	IS:1734	Kg/cm2	203
Flexural Modules	IS:1734	Kg/cm2	12121
Flammability			
- Time of burning	Self extinguishing	Sec	<5
- Extent of burning	-- do --	Mm	<5
Water Absorpotion 2 hr.	IS:2380	%	0.04
Water Absorption 24 hr.	IS:2380	%	0.4
Screw Withdrawal	IS:2380	Kg	193
Screw Holding Capacity	With 1/6 wood screw	Kg	70
Screw Bonding Capacity	-- do -- plate to plate	Kg	30
Nail Withdrawal	IS:2380	Kg	19.6
Charpy Impact Strength	ASTM D 6110	KG/m2	5.1
Izod Impact Strength	ASTM D 256	i/m	35.4
Thermal Stability	80C/60 min	---	No effect



**ARON PLASTWOOD  
INDUSTRIES**

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