

# Apollo

*WPC & Celuka Boards*



The Perfect Replacement for  
**WOOD & PLYWOOD**

## About the Company

**Konita Industries Pvt. Ltd.** is one of the leading manufacturer of WPC, PVC Boards. Head Quartered at Faridabad, we have our manufacturing facility in Chennai spread over 100,000 square meters having state-of-the-art equipment imported from Germany, Taiwan and China along with years of combined experience in the industry.

We have a skilled team of professionals who have the required knowledge and experience necessary to meet customer's expectations.

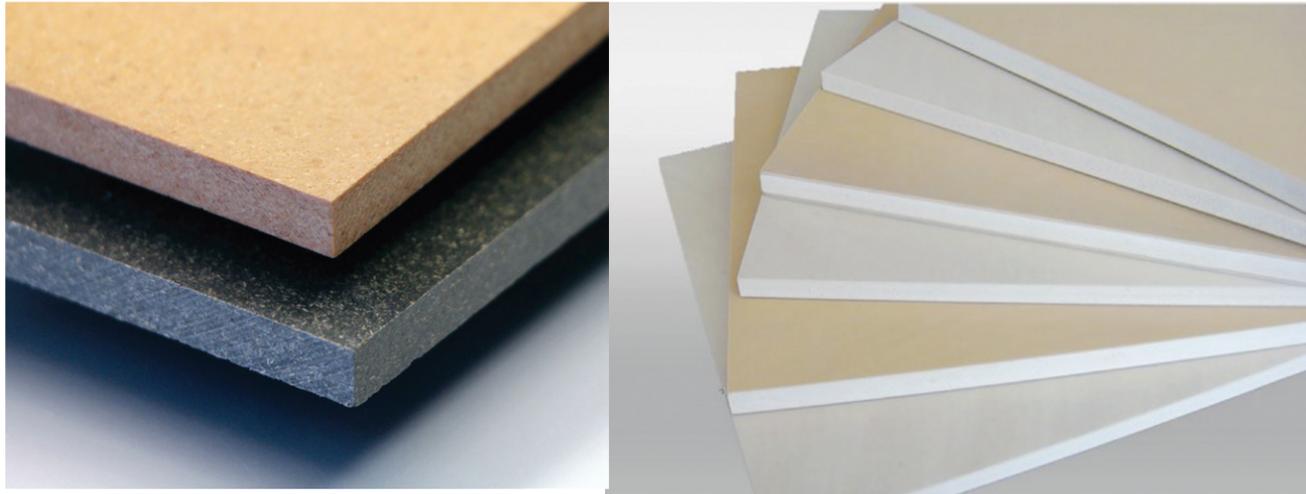
### **Our Mission**

To make sure we deliver the best when it comes to quality and consistency.

### **Infrastructure**

Our production unit is located at Gummudipoondi, in Tamilnadu. With latest machineries & technologies and a production capacity of 6 million sq.ft/annum. Konita is well ahead of competition in terms of quality and consistency.

## Product Range



### **1. WPC Boards and Doors**

### **2. PVC Celuka Boards and Doors**



## Apollo Boards

### **WPC & Celuka Boards**



#### **Specification**

Thickness : 5mm - 20mm

Size : width 4 feet (1220mm) x length 8 feet (2440 mm, as to your requirement)

Colour : White, Wood finish and colours as required

We can manufacture according to your requirement.



### **WPC & PVC Doors**

#### **Specification**

Thickness : 20mm - 35mm

Size : width upto 33"  
length custom

Colour : White, Ivory, Brown

We can manufacture according to your requirement.



## Workability



PANEL SAW



100% WASHABLE



NAILING/SCREWING



GROOVING



EDGE BANDING



CNC



HAND ROUTER

## Surface Treatment



PU GLOSS



DUCO



PU MATTE



HAND POLISH



UV - FLAT BED

## Features



WATER & WEATHER RESISTANT



FIRE RETARDANT



TERMITE PROOF



100% RECYCLABLE



ECO FRIENDLY

## Technical Specification

S.No	Test	IS Standard	Results
1	Density g/cm <sup>3</sup>	IS:2380(P-3) 1997	> 0.59
2	Moisture Content, %	IS:2380(P-3) 1997	0.34
3	Water Absorption, % (a) 2 Hours / (b) 24 Hours	IS:2380(P-16) 1997	For 2 Hours -0.19 For 24 Hours - 0.44
4	Thickness swelling % (After 2 hours)	IS:2380(P-17) 1997	0.13
5	Modulus of rupture N/mm <sup>2</sup>	IS:2380(P-4) 1997	More than 20.1
6	Modulus of Elasticity N/mm <sup>2</sup>	IS:2380(P-4) 1997	2102
7	Tensile Strength, N/mm <sup>2</sup>	IS:2380(P-6) 1997	9.8
8	Screw withdrawal strength N (a) Face / (b) Edge Screw Holding test	IS:2380(P-14) 1997	1520/920  Satisfactory
9	Nail withdrawal strength N (a) Face / (b) Edge Nail Holding test.	IS:2380(P-14) 1997	1100/915  Satisfactory
10	Humidity test At 27 ± 2°C & 30 ± 5%RH (For One Week) & 27 ± 2°C & 30 ± 5%RH (For One Week) (Size 300x300 mm) a) Length, b)Thickness	IS:4020(P-11)1983	Length - 0.05 Thickness - 0.02
11	Thickness, mm	IS:2380(P-2)1977	18.01
12	Squareness, mm	IS:2380(P-2)1977	0.04
13	Edge straightness test, mm	IS:2380(P-2)1977	0.05
14	Retention of Preservation		Passes the test
15	Softening point C		123
16	Heat deflection temp C	IS:1734(P-2)	138
17	Workability test		Satisfactory
18	Bending Strength		Satisfactory
20	Resistance to steam, crack, stains and cigarette burns	IS 12823:1990	Passes the test
21	Edge loading test	IS 4020(P-6):1999	Passes the test
22	Shock resistance test (5 Kgf)	IS 4020(P-7):1998	Good

\*\* No Formaldehyde

Tested by National Test House, Chennai (NABL Accredited)

## Product Comparison

Characteristics	Apollo WPC/PVC Foam Board	Ply Wood	MDF/Medium Density Fiber Board
Specific Gravity (g/cm <sup>3</sup> )	0.5 - 0.6	0.5 - 0.75	0.7 - 0.8
Endure Power (kg/m <sup>2</sup> )	66	39	10
Elasticity Ratio(kg/m <sup>2</sup> )	1645	930	1100
Water Absorption	0.39%	2.5%	10%
Durability(Year)	> 30	15 - 20	5 - 10
Recycle	Yes	No	No
Environment Effect	100% Recyclable	Consumable	Degradable
Termite & Borer Proof	Yes	No	No
Weather Resistant	Yes	No	No
Fire Retardant	Yes	No	No
Smooth and Glossy Surface	Excellent	Good	Average
Direct Digital Printing	Yes	No	No
Suitable for Film Lamination	Excellent	Good	No
Painting	Not required but can be painted to any desired colour	Needs painting periodically	Needs painting periodically

# Apollo

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## Applications



Indoor Furniture



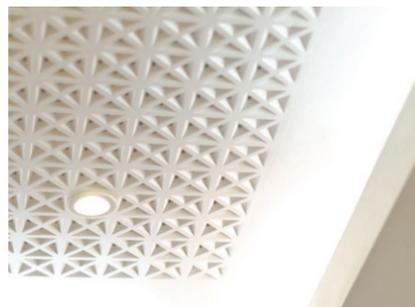
Outdoor Furniture



Office Modular Furniture



Partitions



CNC Cutting



Wardrobes



Wall Panel

## Applications

House Hold

Shop Fittings

Modular Kitchen

Door and Wall Paneling

Desk and Wall Cabinet

False Ceiling

Furniture Industries

Partition Panels

Construction Shuttering

Direct use for carcass/storage with/without laminates, paint or coating





Manufactured by

**KONITA INDUSTRIES**

**Pvt. Ltd.**

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