



KONITA

WPC & PVC Boards

**Beyond Wood; Smart, Durable and
Maintenance Free**



OUR COMMITMENT TO CRAFTSMANSHIP

At Konita Industries Pvt. Ltd., we stand as a beacon of innovation and quality in the manufacturing of WPC (Wood Plastic Composite) and PVC boards. Our expansive, state-of-the-art facility, nestled in the heart of India, spans over 100,000 square meters and is equipped with cutting-edge machinery sourced from Germany and Taiwan. With a rich legacy of combined expertise, our team of dedicated professionals consistently delivers products that not only meet but exceed global standards.

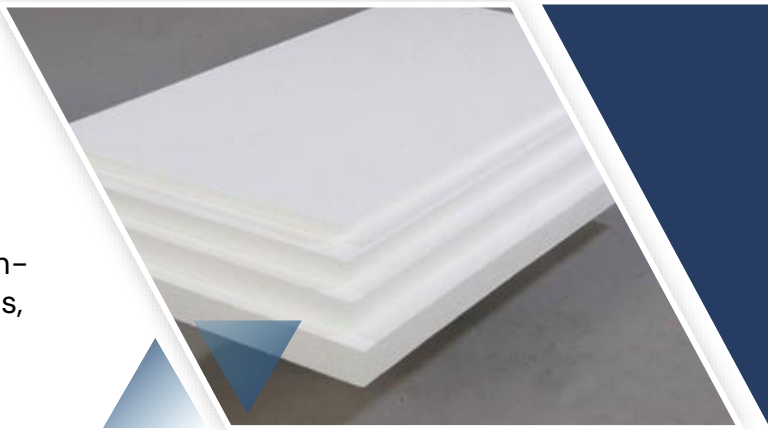




PRODUCT RANGE: TAILORED FOR EXCELLENCE

WPC Waterproof Wall Panel Boards

Our waterproof wall panels are a testament to durability and aesthetic appeal. Engineered to withstand moisture, these panels are ideal for high-humidity environments such as kitchens, bathrooms, and more. Each panel is crafted with precision to ensure it stands the test of time.



WPC Frames

Elegance meets resilience in our WPC frames. Available in various sizes and finishes, these frames are designed to complement any architectural style, providing both strength and beauty.



WPC Boards and Doors

Our boards and doors are not just functional but also versatile. With customizable options in thickness, size, and color, these products are perfect for a wide array of applications, from furniture to partitions.





OUR MISSION: EXCELLENCE REDEFINED

We are driven by an unwavering mission to deliver products that embody excellence and innovation. At Konita, quality is not just a standard but a promise. Our commitment to superior craftsmanship ensures that every piece we produce is reliable, durable, and designed to set new benchmarks in the industry. We are not just manufacturers; we are pioneers in WPC and PVC products, leading the way with integrity and dedication.



INFRASTRUCTURE: WHERE INNOVATION MEETS SCALE

Our production facility in India boasts a yearly production capacity of 20 million square feet. This scale, combined with our commitment to quality, positions Konita well ahead of the competition.

We don't just build products; we build trust.





SPECIFICATIONS: DESIGNED TO YOUR NEEDS

Konita Boards

- **Thickness:** 4 mm 20 mm
- **Size:** Width 5 feet (1556 mm) x Length 8 feet (2440 mm, customizable)
- **Color:** White, wood finish, and custom colors available upon request



WPC Frames

- **Size:** 3' x 2", 4" x 2", 4" x 2½", 5 x 2½"
- **Color:** White, wood finish, and custom colors available upon request



WPC Doors

- **Thickness:** 20mm 35 mm
- **Size:** Width up to 42" x Custom Length
- **Color:** White, Ivory, Brown



We are
committed to
manufacturing
according to
your precise
specifications



APPLICATIONS: VERSATILITY AT ITS BEST

Konita products are designed for a multitude of applications, including but not limited to:



Household:
Modular kitchens,
bathroom cabinets,
and wardrobes



**Furniture
Industries:**
Desk and wall
cabinets, CNC interior
wall panels



Commercial:
Shop fittings,
partitions, and more

Whether for residential or commercial use, our products deliver unparalleled performance and style.



FEATURES: ENGINEERED FOR EXCELLENCE

Our WPC and PVC boards boast a range of features that make them stand out in the market:

Water & Weather Resistant

100% Recyclable & Eco-Friendly

Fire Retardant

Anti-Fungal / Anti-Bacterial

Termite Proof

Maintenance-Free





TECHNICAL SPECIFICATION



S.No	Test	IS Standard	Results
1	Density g/cm ³	IS:2380(P-3) 1997	> 0.59
2	Moisture Content, %	IS:2380(P-3) 1997	0.34
3	Water Absorbtion, % (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 ²	IS:2380(P-4) 1997	More than 20.1
6	Modulus of Elasticity N/mm ²	IS:2380(P-4) 1997	2102
7	Tensile Strength, N/mm ²	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

PRODUCT COMPARISON



Characteristics	Apollo WPC/PVC Foam Board	Ply Wood	MDF/Medium Density Fiber Board
Specific Gravity (g/cm ³)	0.5-0.6	0.5-0.75	0.7-0.8
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 color	Needs painting periodically	Needs painting periodically



WHY CHOOSE KONITA?

At Konita Industries Pvt. Ltd., we don't just manufacture products; we create solutions. Our WPC and PVC boards are the embodiment of innovation, durability, and environmental consciousness. We invite you to experience the future of materials with Konita - where quality meets excellence.