

राष्ट्र का निर्माण  बिना पेड़ काटे

**AkoRE**  
HD BOARDS®

Switch To Generation Next  
Alternative To Wood  
Inspired By Nature

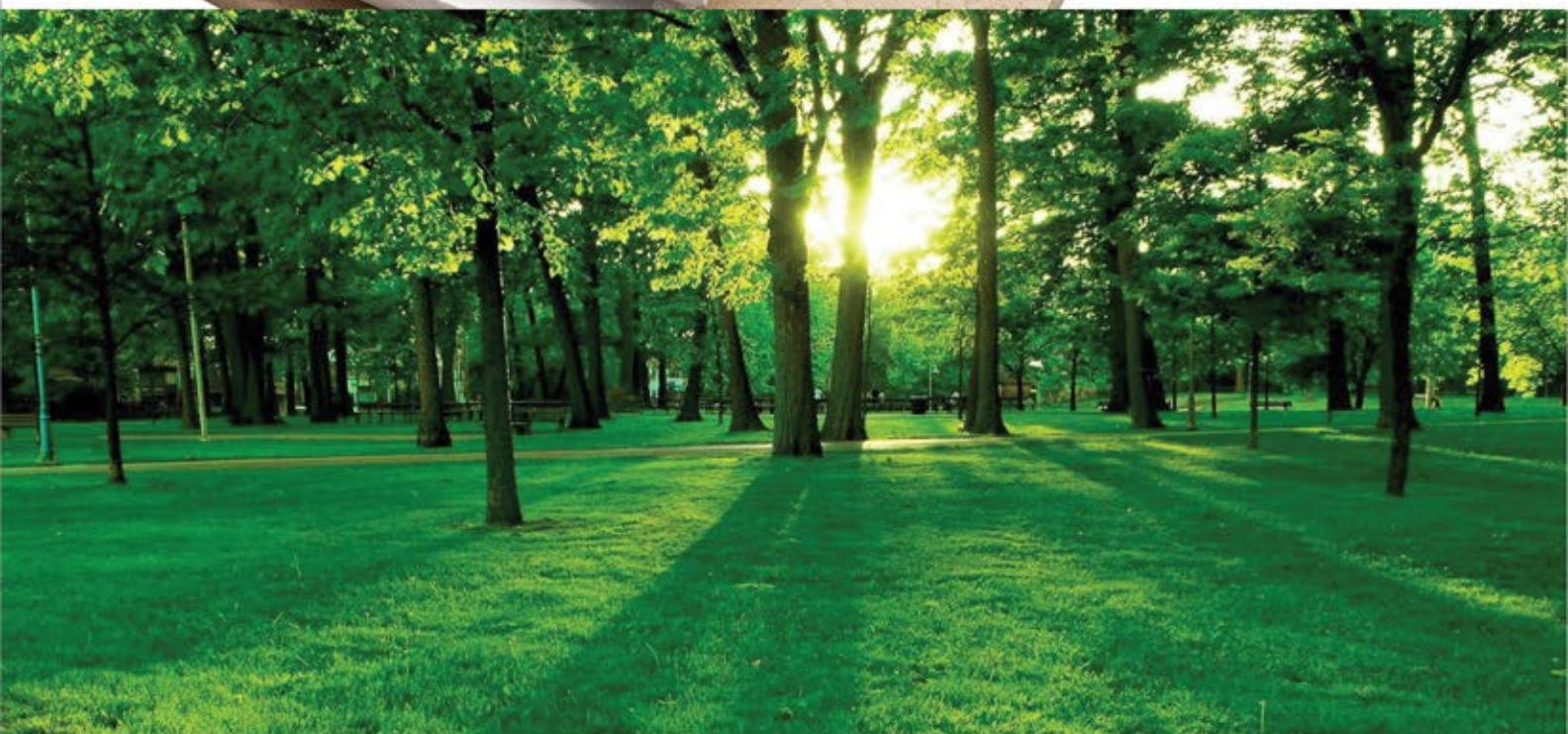


Lead Free



AkoRE  
WPC Boards

In Harmony  
With Nature



AKORE PLAST INDIA PVT. LTD. is a professional manufacturer of WPC, catering to the changing needs of construction and decoration industry, offering versatility in applications with unmatched stability, strength and resilience to weather.

AKORE HD boards looks and feels like natural wood, it is durable, anti-impact, wear proof, and has high capacity of UV-resistance. Thanks to the advanced technology, we are producing this as AKORE HD boards which are Lead Free, Non-toxic, safe for health & environment friendly.

It can either be used raw or it can also be pasted with laminates, deco-painted, and can be cut into various fretwork & engraved designs. It will not splinter, warp or fade the way wood does, it dramatically reduces the wasteful cycle of repair and replacement.

AKORE's embedded beauty with added resistance against fire, termite and moisture makes it a suitable material for varying applications in furniture, kitchen cabinets, partitioning, ceiling, washrooms & fretworks.

An ISO 9001:2015  
& 14001:2004  
Certified Company

## Safe For Health

People can become exposed to lead through occupational sources, as there are many brands which are using lead in their manufacturing processes, which can adversely affect carpenters, contractors and the consumers. Lead Poisoning can occur from inhalation or swallowing of lead particles usually generated while cutting and sawing of such boards. It can damage the brain, nervous system, kidneys and other health problems. Hence use AKORE HD Boards, which is produced in Harmony With Nature.

## Advantages

- |  |                             |  |                             |
|--|-----------------------------|--|-----------------------------|
|  | Lead Free                   |  | 100% Termite & Borer Proof  |
|  | Water & Moisture Proof      |  | Fire Retardant              |
|  | Better Screw & Nail Holding |  | Impact resistance           |
|  | Glue & Lamination           |  | Easy Sawing & Cutting       |
|  | Maintenance Free            |  | Easy Installation           |
|  | Eco Friendly                |  | Weather & Ageing Resistance |

### Excellent Features Over Other Products

FEATURES	AKORE HD BOARD	FIBER CEMENT	PLASTER BOARD	PLYBOARD
Weather Resistance	***	***	*	**
Water/ Moisture Resistance	***	***	*	**
Fire Retardant	***	***	**	*
Toughness	***	**	**	**
Sound Protection	***	***	***	***
Workability	***	**	***	**
Low Shrinkage	***	***	***	*
Termite / Insect Proof	***	***	**	*
Light Weight	***	*	**	**
Ease Of Installation	***	**	**	**
Ease Of Transportation	***	*	**	***
Breaks -if Falls	***	*	*	***
Can Be Nailed	***	X	X	***
Wet Area Toilet & Kitchen	***	**	X	X
Electric Control/ Server Room	***	**	X	***
Exterior Ceiling / Soffit	***	**	X	*
Exterior Fretwork	***	**	X	X

### Processed By Traditional Wood Working Tools



AKORE HD Boards can be processed by traditional tools which are similar to wood working tools.

### Versatile Applications With Unmatched Sound Insulation



## Diverse Utility

## Extraordinary Durability

AKORE HD Boards have wide applications in showrooms, office furniture, shelves & partitions. It is highly suitable for external ceilings / soffits. It supports speedy constructions along with cleanliness & hygiene. Ideal for commercial buildings, shopping centres, retail outlets, industrial buildings, factories etc.





## Bathrooms And Restrooms



AKORE HD Board is certified as green material. Being water / moisture resistant is an ideal and superior alternative, in the internal wet areas like shower rooms and restrooms.

## Yacht & Boat



AKORE HD Boards are lightweight and is a credible choice for train and ship interior. It can withstand extreme seawater environment, is non warping, fire retardant and is a sustainable solution to ship interior decorations.

## Jaali and Doors



AKORE HD Boards are popularly being used in fretwork and engraved designs. Our AKORE "Doors" suits to high humidity and rainy climates. It can prevent moisture transferred via osmosis and does not promote pathogens caused by damp habitat. Hence it is a good replacement to flush doors in washrooms. Ideal for schools, hotels & hospitals etc.



## Advertising


AKORE HD Boards with characteristics of light in weight is perfect for wall cladding and can be used with effective and creative signages. Being waterproof and moisture proof, the surface of HD boards can be printed, painted and covered with various colourful textures.




## Technical Specifications

PROPERTIES	TEST	UNIT	VALUE
<b>Physical</b>			
Density	DIN 53479	g/cc	0.55-0.70
Hardness	DIN 53505	shore D	≥ 48
Water Absorption	DIN 53495	%	≤ 1.0
<b>Mechanical</b>			
Tensile Strength	DIN 53455	Mpa	≥ 15
Izod Impact Strength	ASTM D256	KJ/M <sup>2</sup>	≥ 9.0
<b>Thermal</b>			
Vicat Softening Temperature	DIN 53460	°C	≥ 85
Coefficient of Linear Expansion	DIN 53752	mm/m°C	0.08
Thermal Conductivity	DIN 52616	W/mk	0.05-0.07

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India

Authorised Dealer :

