



ADVANTAGES OF PVC



ENDLESS APPLICATIONS

SIGNAGE & ADVERTISING
Signs boards, letter displays, decoration of shops, windows, exhibition stands etc.



BUILDING SECTOR
Shop fitting, interior decoration, zones of high humidity (bathroom etc.) airconditioning and ventilation systems, heat and sound insulation, shutter ply etc.

FURNITURE
Benches, doors, windows, tables, counters, cabinets, wardrobes, shelves, cots, dressing tables etc.



PREFABRICATED HUTS
Instant solution for your need of houses, site offices, classrooms, bathrooms, hospitals, campsites, terrace rooms, beach houses, security rooms, cellular phone shelters, farm houses etc.

ELECTRICAL ENGINEERING
Switch cabinets, channels for cables & wires, control panels.



MAKING THE BEST OUT OF IT



COLD STORAGE
Due to excellent thermal insulation property, resistance to water/moisture and totally non ferrous surface, ECHON provides an ultimate material for cold storage and food industry.

EXTERIOR USE
Garden partitions, railings, sidings, letter cuttings etc.



INTERIOR USE
Wall cladding, inner partitions, flooring, ceiling, wall designs etc.

MISCELLANEOUS
Construction of containers, apparatus, models, equipment for photographic laboratories, electroplating, traffic signs, building site boards, dance floors, computer rooms etc.



ABOUT US

ECHON has over 20 years of experience in PVC-extrusion manufacturing and supplying premier PVC/WPC Sheets & other products worldwide. ECHON products are manufactured from state-of-the-art technology enabling ECHON to offer the most extensive and high quality products in the industry. ECHON's ability to be innovative and versatile allows it to provide valuable and supportive solutions to its distributors, dealers & contractors. The company's philosophy and mission lays strong emphasis on providing the highest level of customer service and support to its customers and product consumers.

WORKING DIRECTIONS

Fabrication with **ECHON PVC/WPC** board cannot get easier!

ECHON is a highly versatile product that can transform exterior and interior spaces. Its numerous advantages and technical properties makes this product a fabricator/carpenter's delight.

RANGE OF PRODUCTS

WPC/PVC BOARDS | DOORS & CHAUKHATS
FLOORING | SIGNAGE | PVC LAMINATES
KITCHEN SHUTTER PANELS | WALL PANEL & FALSE CEILING | PLY PROTECTION BOARDS
PROJECT SOLUTIONS | MANY MORE

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EASILY & QUICKLY

WORKED WITH **STANDARD TOOLS**

NO ADDITIONAL TOOLKIT REQUIRED.
LOVE IT & TREAT IT LIKE WOOD!

YOU CAN



★★★ LEADERS IN ★★★
PVC & WPC
★★★ BOARDS ★★★



ECHON
A Product of Kumar Arch Tech Pvt. Ltd.
www.echon.co

YOUR ONE STOP
SOLUTION
FOR AN EXQUISITE LIFESTYLE

**ECHON PVC/WPC BOARDS
GIVES YOU OPTIONS TO
CUSTOMIZE YOUR DREAM HOME**



WHY ECHON ?



SUPERIOR QUALITY

ECHON PVC/WPC boards have fine cell structure & tight tolerances.



DEDICATION TO INNOVATION

ECHON is dedicated to bringing new & innovative products to the PVC/WPC market.



EXPERTISE IN CUSTOMIZATION

ECHON has capabilities to provide interior & exterior solutions designed specially for you.



EXTENSIVE MANUFACTURING CAPABILITIES

ECHON has cutting edge technology to manufacture a complete range of thicknesses & widths for all market needs.

**ECHON'S SUPERIOR QUALITY CHARACTERISTICS.
FEEL THE DIFFERENCE.**

- Smooth Surface & Superior Cell Structure
- Dimensionally Stable
- Good Screw Holding Capacity
- UV/Weather Resistant
- Premium Printing, Pasting & Punching Ability
- Easy Thermoforming
- Excellent Sound, Thermal & Electrical Insulators
- High Impact Resistance
- Tight Thickness & Density Control
- Eco-Friendly & Lead Free

BUILDING MATERIALS

- Designed to address the most focal concern of users – screw holding – and provide a value addition in form of a closed cell structure, superior finish and unmatched shore hardness.
- Build spaces with natural textures to complement your surrounding materials – fiber, cement and wood.

PVC/WPC BOARDS

SIZE CHART

Thickness (mm)	Width (ft.)			
	3'	4'	5'	6.5'
0.70-10	●	●	●	●
11-30	●	●	●	
31-50	●	●		

Length available up to 20' | Smooth, Gloss or Wood Grain Texture | Custom sizes available on demand

ECHON RANGE OF BOARDS

ECHON® Premium Board is the most elite offering in the industry that is made out of our proprietary composition with the highest density.

ECHON® Star Board is our next best product with a rich finish and smooth satin feel on both sides.

ECHON® Smart Board is our top selling product that provides optimal composition that can be used across all segments.

ECHON® Classic Board is our entry level product that has proved its mettle in regulating the unorganized market conditions ruling the current dealer/retail network.

ECHON® Emix Board is our 100% recycled blend with semi/hard surface.

STROKE YOUR DESIGN AMBITION WITH OUR SMART-MATERIAL FOR
INTERIOR AND EXTERIOR SOLUTIONS

TECHNICAL SPECIFICATIONS

Density	: 0.45 - 0.70 g/cc
Tensile Strength	: 181 kg/cm ²
Elongation	: 15%
Impact Strength	: 32 j/m
Shore Hardness A	: Min 50
Vicat Softening Point	: 72°C
Elastic Modulus	: 1000 - 1400 N/mm ²
Flexural Strength	: 374 kg/cm ²
Surface Resistant	: 5.103
Dielectric Puncture Strength	: 60 kv/cm
Relative Permittivity Range	: 1.9-2.0
Dielectric Loss Factor	: 2.10 320.103
Thermal Conductivity	: 25mm Section 0.0616 w/m.k.
K-Value	: 25mm Section 1.8w/m2k
Coefficient of Dilation at 20°C	: 0.6-.07
Water Absorption %AGE	: 0.7
Fire Retardancy	: Self Extinguishable
Mechanical Strength	: Conforms to C.I.No.5.4 of IS.5133 (Pt-2) - 1969
Stability at High Temp.	: Cl. No. 5.6 of IS:5133 (Pt.2) - 1969
Resistance to Abnormal Heat and Fire	: C.I. No. 9.15 of IS: 8828 - 1996

TOLERANCE

Length	: +10mm
Width	: +2.5
Thickness	: ± (.08mm + .03 x thickness)
Evenness	: max 1.5 mm/m
Rectangularity	: <= 2.0 mm/m
Linearity	: max 1.5 mm/m

ADD+ONS
COLORS



CHOOSE LIKE
WHAT YOU LIKE
LAMINATES



ECHON's Dimension Collection™ offers contractors and fabricators thicknesses **NEVER SEEN BEFORE!**

ECHON Sheets come from **0.70mm to 50mm THICK!**

