

KEMRON[®]

The WPC Expert

WOOD AND PLYWOOD
ARE NOW YESTERDAY
**KEMRON WPC IS
TODAY AND TOMORROW**

1st CHOICE
FINEST QUALITY
KEMRON WOOD
NEXT GEN

Product Range

PVC Foam Board Sheet

PVC Colour Foam Board Sheet

WPC Foam Board Sheet

WPC Solid Door

WPC Solid Door Frame



ABOUT US

Established in 2015 Kemron Wood Plat Pvt. Ltd. is know as a leading manufacturer and exporter using european technique with most modern german technological measures of WPC & PVC sheet boards, doors and frames. We take pride in offering the widest range of products in India and globally and providing quick solutions to expanding market requirements.

INFRASTRUCTURE

Kemron's production unit is located at Rajkot in Gujarat, in a large of 40,000 square feet. Kemron's warehouse is located at Bangalore in Karnatak, at Cochi in Kerala & at Pune in Maharashtra. At present, we have a european extrusion lines for production, which can provide large production capacity of 5000 tons per annum.

OUR VISION & MISSION

With a vision to provide superior quality and long lasting durable products with motto of "Your Health Our Mission" KEMRON provide green products with lead and cadmium free standards which are completely eco-friendly and environment friendly products.

LONG LIFE | FLEXIBILITY | RELIABLE



ISO 9001:2015 CERTIFIED
WPC & PVC BOARDS



Improving the *quality of your life* at home.





Rot & Decay Free



Water & Moisture Proof



Fire Retardant/ Self Extinguishing



Termite & Pest Pfoof



Maintenance Free



No Splitting or Cracking



Mold Resistant



Easy Installation



COMPARITION

KEMRON BOARD

CHARACTERISTIC	KEMRON 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 Adaptibility	✓	✗	✗	✗
Gluing & Lamination	✓	✓	✓	✓
Weather & Ageing Resistant	✓	✓	✓	✓
High Screw & Nail Holding Capacity	✓	✓	✓	✓
Sawing & Cutting	✓	✓	✓	✓
Use Traditional Tools	✓	✓	✓	✓

PVC FOAM BOARD

PVC Foam Board is extruded and shaped by PVC resin which is main ingredient and mixed with other additives such as stabilizer, titanium dioxide & UV stabilization. PVC Foam Board is a complete replacement of Plywood, MDF Board & Particle Board.

KEMRON® Range of PVC Foam Board

KEMRON SILVER

KEMRON Silver is the most economical and cost effective classic board with Density 0.51 g/cc. It can be used in marking General Furniture, Vanities, CNC Routing, Signage's Wall Paneling, Partitions, Ceiling, Beds, etc.

KEMRON GOLD

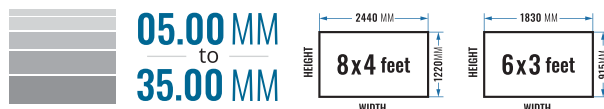
KEMRON Gold is our top selling premium product with Density 0.55 g/cc. That provides optimal composition that can be used across all furniture segments, etc.

KEMRON PLATINUM

KEMRON Platinum is our next best product with High Density 0.60 g/cc. It can be use for making premium Furniture, Door, Cabinet, etc.

KEMRON DIAMOND

KEMRON Diamond is our strongest (HD) product with Highest Density 0.70 g/cc. It can be use for both Interior as well as exterior applications.



AVAILABILITY

(PVC & WPC FOAM BOARD)

Size : **1220 mm X 2440 mm**
915 mm X 1830 mm

Thickness : 5 mm to 35 mm



TECHNICAL SPECIFICATIONS (PVC FOAM BOARD)

Test	Test Method	Unit	0.55 D Result	0.60 D Result	0.70 D Result
Density	IS:2380 (P-3) 1997	kg/m ²	> 545	> 590	> 698
Hardness - Share 'D'	ASTM D 2240	-	60	70	85
Thickness	IS : 2380 (P-2)	mm	18	18	18
Moisture Content	IS : 2380 (P-3)	%	0.08	0.07	0.05
Water Absorption (2 Hours)	IS : 2380 (P-16)	%	0.1	0.05	0.03
Water Absorption (24 Hours)		%	1.0	0.8	0.5
Tensile Strength	IS : 2380 (P-5)	N/mm ²	0.47	0.7	0.85
Screw Withdrawal Strength N Face	IS:2380 (P-14) 1997	N	1400	1450	1550
Screw Withdrawal Strength N Edge		N	1300	1400	1500
Nail Withdrawal Strength N Face	IS:2380 (P-14) 1997	N	700	900	1065
Nail Withdrawal Strength N Edge		N	500	650	800
Screw Holding Test	IS:2380 (P-14) 1997	kg.	40	45	60
Resistance to Stain 25% NaOH	IS:2046	-	No Visible Change Observed		
Resistance to Stain 5% Acetic Acid					
Resistance to Steam	IS:2046	-	No Visible Change Observed		
Vicat Softening Point at 50 N Load	ASTM D 1525	°C	70	80	95
Heat Deflection Temp. at 1.8 Mpa Load	ASTM D 648	°C	60	65	75
Lead as PB	Chemical & Wet Analysis	%	< 0.01	< 0.01	< 0.01
Cadmium as cd	Wet Analysis	%	< 0.01	< 0.01	< 0.01

WPC FOAM BOARD

- WPC (Wood Polymer Composite) are a new group of material made from PVC resin and wood fiber & natural fiber at a certain ratio, added with special additives.
- WPC result in what is today considered one of the most versatile & durable indoor and outdoor material replacing MDF Boards, HDF Boards & Playwoods.
- It is widely use in Shuttering, Building and especially for the furniture for heavy purpose.

KEMRON[®] Range of WPC Foam Board

KEMRON WPC MARINA //

Kemron WPC Marina is our entry level product for market of WPC, that provides optimal Composition that can be used across all segments.

Kemron WPC Marina is the most economical board with Density 0.56 g/cc.

KEMRON WPC GURJAN //

Kemron WPC Gurjan is the strongest & heaviest board with Density 0.66 g/cc. Strength & Quality is unmatched with all other WPC boards.

PRODUCT TOLERANCE (PVC & WPC FOAM BOARD)

Density	: ± 1 D
Length	: ± 5 mm
Width	: ± 2.5 mm
Thickness	: ± 0.3 mm
Rectangularity	: < = 2.0 mm/m



TECHNICAL SPECIFICATIONS (WPC FOAM BOARD)

Test	Test Method	Unit	0.56 D Result	0.66 D Result
Density	IS:2380 (P-3) 1997	kg/m ²	> 560	> 650
Hardness - Share 'D'	ASTM D 2240	-	70	75
Thickness	IS : 2380 (P-2)	mm	18	18
Moisture Content	IS : 2380 (P-3)	%	0.08	0.07
Water Absorption (2 Hours)	IS : 2380 (P-16)	%	0.1	0.05
Water Absorption (24 Hours)		%	1.0	0.8
Tensile Strength	IS : 2380 (P-5)	N/mm ²	0.5	0.6
Screw Withdrawal Strength N Face	IS:2380 (P-14) 1997	N	1450	1490
Screw withdrawal Strength N Edge		N	1350	1400
Nail Withdrawal Strength N Face	IS:2380 (P-14) 1997	N	725	900
Nail Withdrawal Strength N Edge		N	600	700
Screw Holding Test	IS:2380 (P-14) 1997	kg.	45	50
Resistance to Stain 25% NaOH	IS:2046	-	No Visible Change Observed	
Resistance to Stain 5% Acetic Acid				
Resistance to Steam	IS:2046	-	No Visible Change Observed	
Vicat Softening Point at 50 N Load	ASTM D 1525	°C	73	82
Heat Deflection Temp. at 1.8 Mpa Load	ASTM D 648	°C	63	68
Lead as PB	Chemical & Wet Analysis	%	< 0.01	< 0.01
Cadmium as Cd	Wet Analysis	%	< 0.01	< 0.01



KEMRON WPC Solid Door

Woods get damaged with water, moisture, termite attack etc. and we have no option to save it. WPC Doors are complete substitute of wooden flush door.

COLOURS TO MATCH YOUR **FRAME** CUSTOMIZED TO MATCH YOUR **STYLE**



WORKABILITY

- Hand Saw
- Panel Saw
- Nailing / Screwing
- Hinges Fixing
- Cylinder Handle Installation
- Hand Router / CNC Router
- Painting
- Laminating
- PU Coating

SURFACE TREATMENT

- Hand Polish
- PU Gloss
- PU Matt
- Duco Paint
- PVC & Acrylic Laminate

Height & Width
As Per
Requirement

IDEAL FOR BATHROOMS AND BEDROOMS

KEMRON[®]

WPC

SOLID DOOR

Experiment with **Colors, laminates and wood-grain** textures to respect your distinct personality

SIZE CHART

Height	: 72", 75", 78", 81", 84"
Width	: 25", 26", 28", 30", 32", 36", 38", 40", 42"
Thickness	: 25 mm, 28 mm, 30 mm, 35mm, 40mm,

Density : 0.50 | 0.56 | 0.60 g/cc

Customization as per requirement with MOQ



TECHNICAL SPECIFICATIONS (WPC SOLID DOOR - 25 mm, 28 mm & 30 mm)

Test	Test Method	Unit	0.56 D Result	0.60 D Result
Density	IS:2380 (P-3) 1997	kg/m ³	> 560	> 610
Hardness - Shore 'D'	ASTM D 2240	-	75	85
Thickness	IS : 2380 (P-2)	mm	28	28
Moisture Content	IS : 2380 (P-3)	%	0.14	0.08
Water Absorption (2 Hours)	IS : 2380 (P-16)	%	0.09	0.07
Water Absorption (24 Hours)		%	0.26	0.10
Tensile Strength	IS : 2380 (P-6)	kg/cm ³	0.5	0.6
Elongation at Break	IS : 2380 (P-6)	%	6.1	8.1
Screw Withdrawal Strength N Face	IS:2380 (P-14) 1997	N	1120	1200
Screw Withdrawal Strength N Edge		N	1300	1350
Nail Withdrawal Strength N Edge	IS:2380 (P-14) 1997	N	675	700
Water Resistance @ 60°C, 3 Hrs.	As Per Party's Spec.	-	No Any Change Observed	
Resistance to Stain 10% Coffe	IS:2046 (1995)	-	No Stain Observed	
Resistance to Stain 10% Acetic Acid				
Flamability	UL 94	-	Match with Vo	

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KEMRON WPC Solid Door & Windows Frame

- WPC Solid Door & Windows Frame looks like wood with high screw holding capacity, all hardware fittings can be tighten by screw.
- WPC Solid Door & Windows Frame can be fit by hold fast during brick work & also fit by screw/anchor bolt after completion of wall plaster.

INSTALLATION GUIDELINES



1 CUT IN A 45° ANGLE



2



3 FINISHED

Parfect
MATCH
For Your
DOOR



APPLICATION

- Door Frame Makers
- Contractors
- Builders
- Government Projects
- Hotel Projects
- Hospital Projects
- Commercial Projects
- Residential Projects

FEATURES

- Termite Proof
- 100% Water Proof & Moisture Proof
- 0% Shrinkage
- No Bending & Crack Issue
- Fire Resistant
- Chemical Resistant
- Heavy Density Material

DESIGN
BEAUTY
STRENGTH

KEMRON®

WPC

**SOLID DOOR
& WINDOWS FRAME**

Experiment with **Colors, laminates and wood-grain**
textures to respect your distinct personality

SIZE CHART

Size	: 50 x 75 mm, 50 x 100 mm, 63 x 100 mm, 63 x 125 mm, 63 x 150 mm
Length	: 2.6 Ft., 3 Ft., 7 Ft., 8 Ft., 10 Ft.

Density : 0.90 - 0.95 g/cc
Can be customize.



TECHNICAL SPECIFICATIONS (WPC SOLID DOOR & WINDOW FRAME)

Test	Test Method	Unit	Result Obtaines
Density	IS:2380 (P-3) 1997	kg/m ³	> 900
Hardness - Share 'D'	ASTM D 2240	-	80
Tensile Strength	IS : 2380 (P-6)	kg/cm ³	371
Elongation at Break	IS : 2380 (P-6)	%	14
Tensile Modulus	ASTM D 638	kg/cm ³	726
Screw Withdrawal Strength N Edge	IS:2380 (P-14) 1997	N	272
Nail Withdrawal Strength N Edge	IS:2380 (P-14) 1997	N	212
Water Resistance @ 60°C, 3 Hrs.	As Per Party's Spec.	-	No Any Change Observed
Resistance to Stain 10% Coffe	IS:2046 (1995)	-	No Stain Observed
Resistance to Stain 10% Acetic Acid			
Flamability	UL 94	-	Match with Vo
Resistance to Steam	IS:12823 (2015)	-	N any sign of blistering delimitation and no change of
Swelling in Water (Thickness Swelling)	IS:2380 (P-17)	%	0.44

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RAINBOW COLOUR BOARD

KEMRON Rainbow come in 10 vibrant colours, plus bright white and black with Density 0.55 g/cc. with fine & homogenous closed cell structure having rigid, hard & glossy surface.

KEMRON Colours are versatile, high quality PVC Foam Sheets, with a fine cell structure and offering a range of bold and highly saturated colours. KEMRON Colour sheets are perfect for a very wide range of furniture range display and other applications.

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Colours Characteristics

- 10 Vibrant Colours
- Ideal For Internal Applications
- Rainbow Pallets Available
- Smooth Matt Surface
- Special Colours And Thicknesses Available On Demand
- Consistent Colour
- Suitable For Digital Printing
- Can Be Specified In Special Colours On Demand.

KEMRON Colour sheets combine deep saturated colours with easy processing, making them suitable for creative applications in retail and other sectors.

It can be widely used in School Furniture, Children Room Furniture, Hospital & Other Colour Furniture requirement.



WPC & PVC BOARD, DOORS and FRAMES

Application of KEMRON PVC & WPC Board

- Residential Furniture
- Bed & Wardrobe
- Modular Kitchen Cabinet
- Office Furniture
- Farm House Furniture
- Beach House Furniture
- False Ceiling & Panels
- Partition & Paneling
- Wall Cladding
- Construction Purpose
- Medical Infrastructure
- Exhibition Stand
- Signage & Display Panels
- Gift Article Items

Characteristics Feature

- 100 % Water Proof
- 100% Termite & Borer Proof
- Lead / Cadmium Free
- Fire Resistant & Self Extinguishing
- Non-Toxic
- Anti Fungal
- Non-Corrosive
- Chemical Resistant
- Recyclable
- No Shrinking or Swelling
- Easy Fabrication
- Good Mechanical Strength
- Electrically Insulated
- Good Thermal & Sound Barrier

Reasons to Prefer



Strong and
Durable



Innovative
Products



Easily
Available



Wide area of
Application

Fabrication Options

- Cut
- Rivet
- Drill
- Saw / Cut
- Photo Mount
- Heat Bend / Foam
- Easily Worked with Standard Tools
- Screw
- Rout
- Paint
- Engrave
- Print

Surface Treatment Process

- PU Coating & UV Coating
- Digital Printing
- PVC Foil Lamination
- Acrylic Lamination
- Veneer Lamination
- Leaker Coating
- Direct Colour Paint
- CNC Routed

**VERY EASY TO EVERY
WOODWORKING PROCESS**





Improving the **quality of your life** at home.



KEMRON
WOOD PLAST PVT. LTD

Mfr.: **WPC & PVC** FOAM BOARDS
WPC & PVC DOORS & FRAMES

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**SAVE TREES
SAVE EARTH**