

DEMACTM
MULTI BOARD



അനുഭവത്തിന്റെ
ഉൾക്കരുത്ത്



www.demacmultiboard.com

DEMAC™

MULTI BOARD



A LEAP TOWARDS A GREENER PLANET

There is a dire need in this market for pro-earth alternative for plywood due to the devastating impact that illegal logging of trees for use as plywood has on our ecosystem. DEMAC Multi Board makes it our mission to bridge this gap and replace this supply and fulfil the demand using pro-earth alternative products like Multi Board.

More than being a brand, DEMAC Multi Board aims to be an initiative, a promise towards the Green Revolution happening across the world right now. Logging of trees make up a whopping 14% of overall deforestation in this planet. We have made it a part of our mission to bring down this number to a significant impact.

We welcome you to join our initiative to "GO GREEN WITH MULTI BOARD" and make this world a good place today and a better place for tomorrow.

DEMAC MULTI BOARD

DEMAC Multi Board is a PVC board brand, manufacturing high quality PVC boards in India. PVC boards have successfully substituted Wood, Ply wood, MDF and Particle board for various applications including home interiors, wardrobes, kitchen cabinets, furniture and office furnishings. DEMAC Multi Board has several advantages over the other products available in the industry. It is water proof, termite proof and fire resistant along with being smooth glossy surfaces on both the sides with increased screw holding capacity making it the perfect choice for carpenters/ fabricators.



WHY DEMAC MULTI BOARD

At DEMAC, we take pride on being a part of the "Make In India" campaign, aimed to reduce dependency on foreign imports. Our products are manufactured in India, with latest technology to deliver products with maximum performance and durability.

Our R&D department comprising of qualified engineers and management works tirelessly on a daily basis in developing new and innovative products for our esteemed clients.

We use High Quality Raw materials for production. Quality of raw material is inspected every time by our team of engineers to ensure the quality of DEMAC Multi Board.

Customized Boards – We can customize the DEMAC Multi Boards to various sizes, density, thickness and colours to suit customer needs.

Pocket friendly - DEMAC Multi Board is a good substitute for plywood, MDF, wood or aluminium. They don't require any extra maintenance and stay in the same state for quite a long time. No special equipment is required to cut or drill them and this makes them pocket-friendly.

DEMAC GROUP

DEMAC Multi Board is manufactured by DEMAC Roofing Private Limited, a part of DEMAC Group which is a leading and fast growing business group in the construction materials sector in Kerala. Since its inception, DEMAC Group strives for excellence in all aspects of its activities and our efforts has been recognized by various international and national agencies including ISO and ISI. One of our major milestones is receiving the National award from Council of State Industrial Development and Investment Corporation of India (COSIDICI). Another feather in our cap is the KERALA FINANCIAL CORPORATION (KFC) - State award for the best industry.



≡ PVC BOARDS ≡

Wide range of PVC Boards to suit your needs 0.4 - 0.7 Density.



≡ 3 LAYER WPC ≡

DEMAC 3 layer WPC board is engineered with 3 layer architecture and co-extrusion technology which provides additional strength and greater impact resistance.



≡ COLOUR BOARDS ≡

A variety of colour boards to make your home interior beautiful.

≡ PVC & WPC BOARDS ≡

Customised 3 Layer PVC/WPC Doors.



DEMAC MULTI BOARD FEATURES



TERMITE PROOF

DEMAC Multi Board is 100% termite proof. We protect your furniture from all types of termite infestations and hence no pest control is required.



100% WATER PROOF

DEMAC Multi Board is 100% water proof. It does not show any symptoms of delamination even when used in kitchens, bathrooms and outdoor areas.



NON-FLAMMABLE

DEMAC Multi Board is designed to withstand fire without losing its functionality and purpose.



UV RESISTANT

DEMAC Multi Board is designed to be unaffected by ultra violet [UV] light or sunlight. It can resist sunlight and hence will have no adverse effect on its tensile strength or elasticity even after prolonged exposure to the sun.



LEAD FREE NON-TOXIC

DEMAC Multi Board is non-poisonous and 100% environment friendly. It has no adverse effect on human life and environment.



ANTI FUNGAL - ANTI BACTERIAL

Unlike traditional materials which can cause fungal infestation - DEMAC Multi Board is 100% anti-fungal & anti-bacterial by default.



NO SHRINKAGE & SWELLING

Traditional wood absorbs moisture and swells when the air is humid, and it shrinks from losing the moisture when the air is dry. However, DEMAC Multi Board does not shrink or swell as it is made of weather proof material.



CORROSION RESISTANT

DEMAC Multi Board is 100% corrosion resistant and can withstand damage caused by oxidization or other chemical reactions.



100% RECYCLABLE

DEMAC Multi Board is 100% re-cyclable and is re-usable in the production of DEMAC Multi Board.

DEMAC MULTI BOARD COMPARISON CHART

Feature	Solid wood	Plywood	HDF	MDF	Particle Boards	DEMAC Multi Board
Termite Resistant	×	×	×	×	×	✓
Water Proof	×	×	×	×	×	✓
Chemical Resistance	×	×	×	×	×	✓
Corrosion Resistance	×	×	×	×	×	✓
Varnishing	✓	✓	✓	✓	✓	✓
Veneering	✓	✓	✓	✓	✓	✓
Fabricating	✓	✓	✓	✓	✓	✓
Sanding	✓	✓	✓	✓	×	✓
Drilling	✓	✓	✓	✓	✓	✓
Glueing	✓	✓	✓	✓	✓	✓
Painting	✓	✓	✓	✓	✓	✓
Screw Holding	✓	✓	✓	×	×	✓
Routing	✓	✓	✓	✓	×	✓
Sawing	✓	✓	✓	✓	✓	✓
Recyclable	×	×	×	×	×	✓
Damp Proof	×	×	×	×	×	✓
Decay Proof	×	×	×	×	×	✓

केंद्रीय पेट्रोकेमिकल्स इंजीनियरिंग एवं तकनीकी संस्थान (सिपेट)
 (पूर्व में सेना इंजीनियरिंग और तकनीक इंस्टीट्यूट ऑफ इंडोनेशिया)
 इंडोनेशिया और पेट्रोकेमिकल्स इंजीनियरिंग (आई.के.टी.)
 रसायन एवं पेट्रोरसायन विभाग
 रसायन एवं उर्वरक मंत्रालय, भारत सरकार
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परीक्षण रिपोर्ट
 TEST REPORT

CENTRAL INSTITUTE OF PETROCHEMICALS
 ENGINEERING & TECHNOLOGY (CIPET)
 (Formerly Central Institute of Plastics Engineering & Technology)
 INSTITUTE OF PETROCHEMICALS TECHNOLOGY (IPT)
 Department of Chemicals & Petrochemicals
 Ministry of Chemicals & Fertilizers, Govt. of India
 H.I. Colony, Edayar Road, Pathalam
 Udyogamandal P.O., Kochi, Kerala-683 501
 Ph: 0484-2546740
 E-mail: kochi@cipet.gov.in, cipetkochi@gmail.com
 Test Report No: 21320
 Date: 06.10.2021
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PART C : TEST RESULTS

Sl. No	Name of test	Test Method	Unit	Results obtained
1	Dimensions	IS 2380 (Part II)	mm	2440
	Length			
	Width			
2	Thickness	IS 2380 (Part II)	mm	18.35
	Edge Squareness			
3	Edge flatness	IS 2380 (Part II)	mm	0.96
	Density at 27°C			
4	Moisture Content	IS 2380 (Part III)	%	0.20
5	Water absorption after 2 hrs	IS 2380 (Part XVI)	%	0.09
6	Water absorption after 24 hrs	IS 2380 (Part XVI)	%	0.16
7	Mass swelling in water after 2hrs	IS 2380 (Part XVII)	%	0.11
8	Mass swelling in water after 24 hrs	IS 2380 (Part XVII)	%	0.25
9	Tensile Strength (Parallel to surface)	IS 2380 (Part VI)	MPa	5.39
10	Screw withdrawal Strength (Face)	IS 2380 (Part XIV)	N	2431
11	Screw withdrawal Strength (Edge)	IS 2380 (Part XIV)	N	934
12	Charpy Impact Strength (Notched)	ASTM D 6110	kJ/m ²	1.018
13	Hardness (Shore D)	ASTM D 2240	--	80

Mangalika K.
 Technical Officer
 Authorized Signatory



S. Anand
 Sr. Technical Officer
 Authorized Signatory

DEMAM MULTI BOARD CARPENTER FRIENDLY



MODERN
BEDROOM



DEMAM MULTI BOARD APPLICATION



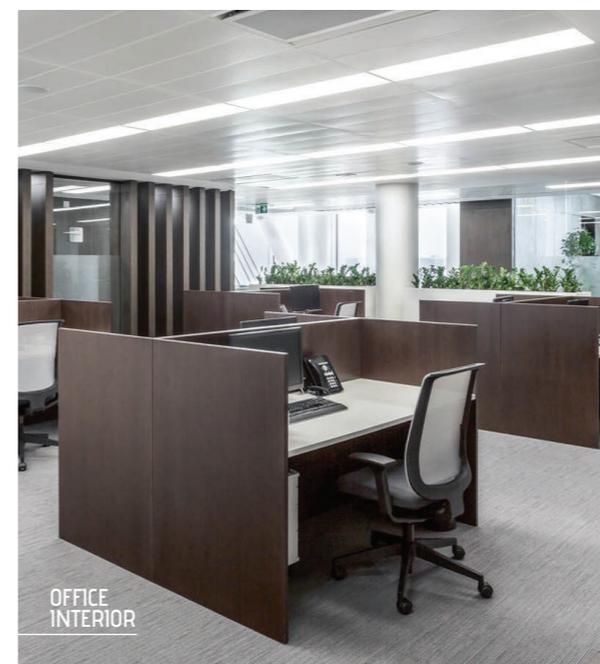
STENCIL CUT
INTERIOR



DEMAM Multi Boards are easy to work with given its light weight. No extra skill is required in the working of DEMAM Multi Board as it adjusts to all carpentry tools and can be - cut, screwed, drilled, sawed, processed and polished. As an additional benefit, due to less abrasion and/or friction with the structure the tool life increases. It is incredibly friendly with hand polish, PU, gloss / Matt lamination and veneering. It also functions easily with all standard carpentry machines like board saw, CNC router and multi boring.

INCREASED SCREW HOLDING CAPACITY

DEMAM Multi Boards are manufactured with increased screw holding capacity, thanks to our in house R & D team, who strives continuously to bring you the best products. Increased screw holding capacity is a key factor for DEMAM Multi Boards longer durability and higher performance.



OFFICE
INTERIOR



KITCHEN
CUPBOARD

DEMAC™

MULTI BOARD

————— DEMAC Roofing Private Limited —————

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