SHUTTERING BOARD

An Eco- Friendly Substitute of Plywood, Steel & PVC Sheets
in Construction Form Work Industry



PAC®
PLASTIC ALUMINUM COMPOSITE

PAC® BOARD FOR
FORM WORK APPLICATIONS

RETAINING WALL | COLUMNS & BEAMS | DIVIDERS & GUTTERS
ENGINEERED STRUCTURE | SLAB/PRECAST CONCRETE



PLASTIC ALUMINUM COMPOSITE

A Composite board Manufactured by mix of Industrial Grade Plastics (PP, LDPE, HDPE), Aluminium Oxide, Fibre & Cross Linked Polymers (XLP) Metal which provides More Strength & Stability to the board ensuring Higher Number of Uses with Great Finish.

PROPERTIES

- WATER PROOF
- UV RESISTANT
- DURABLE, EASY TO CLEAN
- DO NOT CRACK DEFORM OR DEGRADE
- RECYCLABLE
- LONGER SERVICE



Upto 40% Buy Back Replacement

ECOPRIME SERIES

RANGE OF PRODUCTS

ECOPRIME Standard



ECOPRIME Premium



SPECIFICATION

30 - 40	Repetitions	60+
Marble White	Color	Marble Black
1100 Kg/MT^3	Density	1320 Kg/Mt^3

COMPOSITION

60%	Mix Plastic (Industrial Grade)	52%
25%	Aluminum Oxide	23%
15%	XLP Metals	25%

THICKNESS

12 mm, 18 mm

SIZES

2133 x 915 mm (7.00 x 3.00 Feet)
2438 x 915 mm (8.00 x 3.00 Feet)
2440 x 1220 mm (8.00 x 4.00 Feet)

SURFACE FINISH

Both face with Smooth & Matt Finish

DIMENSIONAL TOLERANCE

Length : ± 5 mm
Width : ± 5 mm
Thickness : ± 1 mm



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PLASTIC ALUMINUM COMPOSITE

COMPARISION

PARAMETERS	PLYWOOD	STEEL	PVC	PAC®
Water & Decay Proof	No	No	Yes	**Yes**
Rust Resistant	Yes	No	Yes	**Yes**
Economic Viability	Yes	No	No	**Yes**
Sun / Heat Proof	Limited	Limited	No	**High Level**
Smooth Surface	Yes	Yes	Yes	**Yes**
Buyback / Replacement Option	No	Yes	No	**Yes**
Eco - Friendly	No	No	No	**Yes**
Number of Repetitions	Upto 12	Upto 50	Upto 50	**Upto 100**

TEST RESULTS

stedrant TECHNOCLINIC PVT LTD

CHOKSI LABORATORIES LIMITED

No.	Test conducted	Result	Test Method
1	Water Resistance Test	No Swelling	IS:1734 (Part 6) - 1983
2	Screw Withdrawal Test (N)	2460	IS:1734 (Part 19) - 1983
3	Tensile Strength (N/mm2)	11.89	IS:1734 (Part 9) - 1983
4	Static Bending test Modulus of Rupture (N/mm2)	12.92	IS:1734 (Part 11) - 1983
5	Compressive Strength (PSI)	5222	IS:1734 (Part 1) - 1983
6	Fire resistance a) Burnt	Resistant to fire	-
7	Heat resistance (%) a) Dimension Stability	0.07	ASTM D 204

* Free of : Lead, Arsenic & Mercury
* Resistant to: Boiler Water, Acid, Acetone Solvent, Alkali, Benzene Solvent

ADVANTAGES

- Cost Effective as it Provides Higher **Number of Repetitions**
- Smooth Surface for Better Finish
- Economical Option for Frequent Buyers
- No additional Worksmanship required for Installation

INSTALLATION GUIDELINES





1. Provide additional support as per requirement for appropriate structure. Use screws for fixing planks & support to the PAC® board in wooden scaffolding.





2. Steel Frame used for ready-made Shuttering should be Welded and Rivets should be used for fixing.

SUGGESTIONS

To maximize the number of repetitions, following recommendations have to be considered.

- Boards are to be handled with care & stacked properly before concreting or while not in use.
- Suitable forming oil is recommended for longer service & better finishing.
- After removing the scaffolding, PAC® boards should be cleaned properly with water to remove any concrete particle and again stacked properly on levelled surface.
- Avoid sudden fall from corners of board at the time of de-Shuttering to extend service life & repetitions.











ECOPRIME SERIES

SITE APPLICATIONS



पर्यावरण प्रहरी

RAJRATAN®

स्वच्छ रहें – स्वस्थ रहें

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