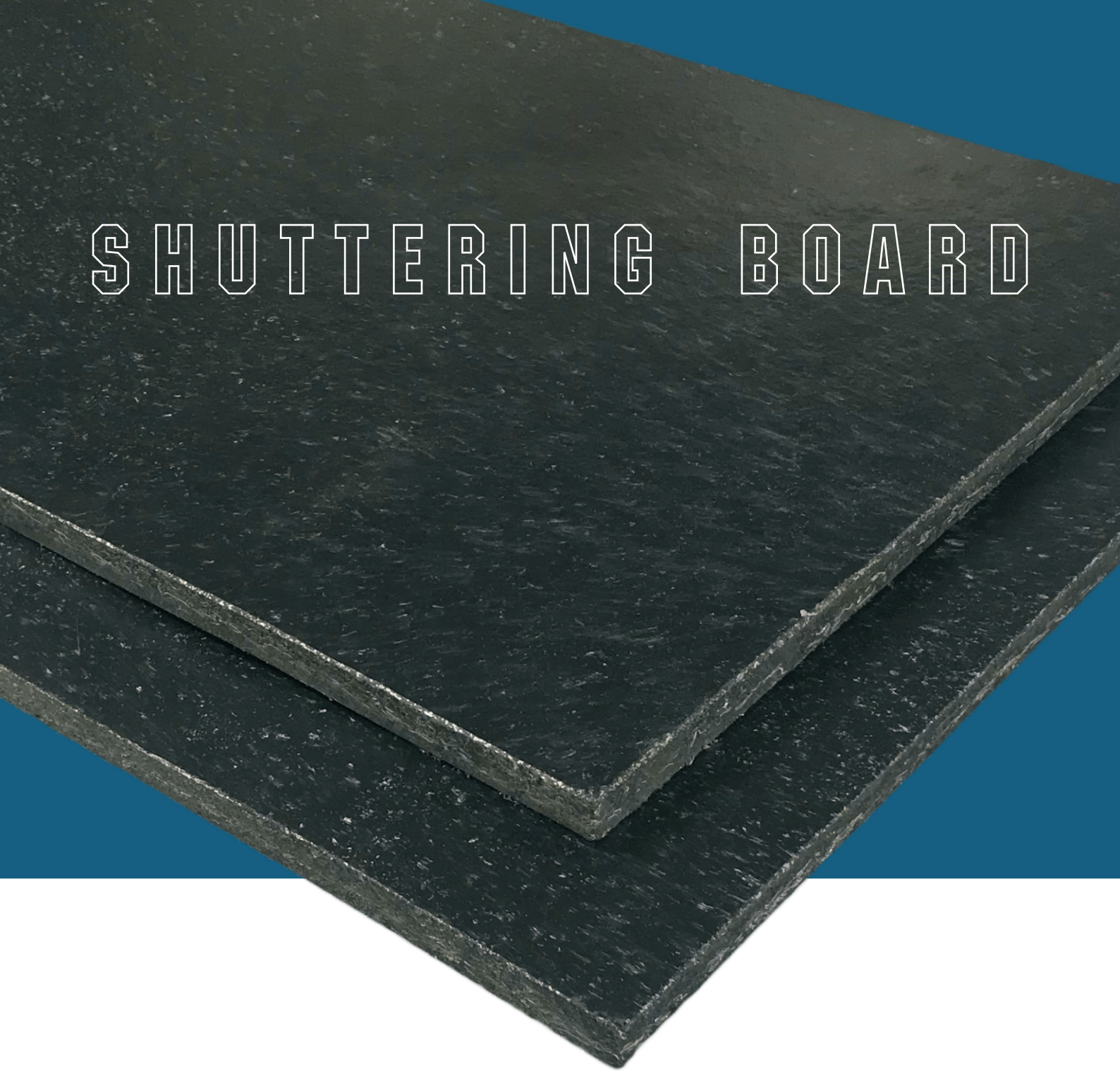


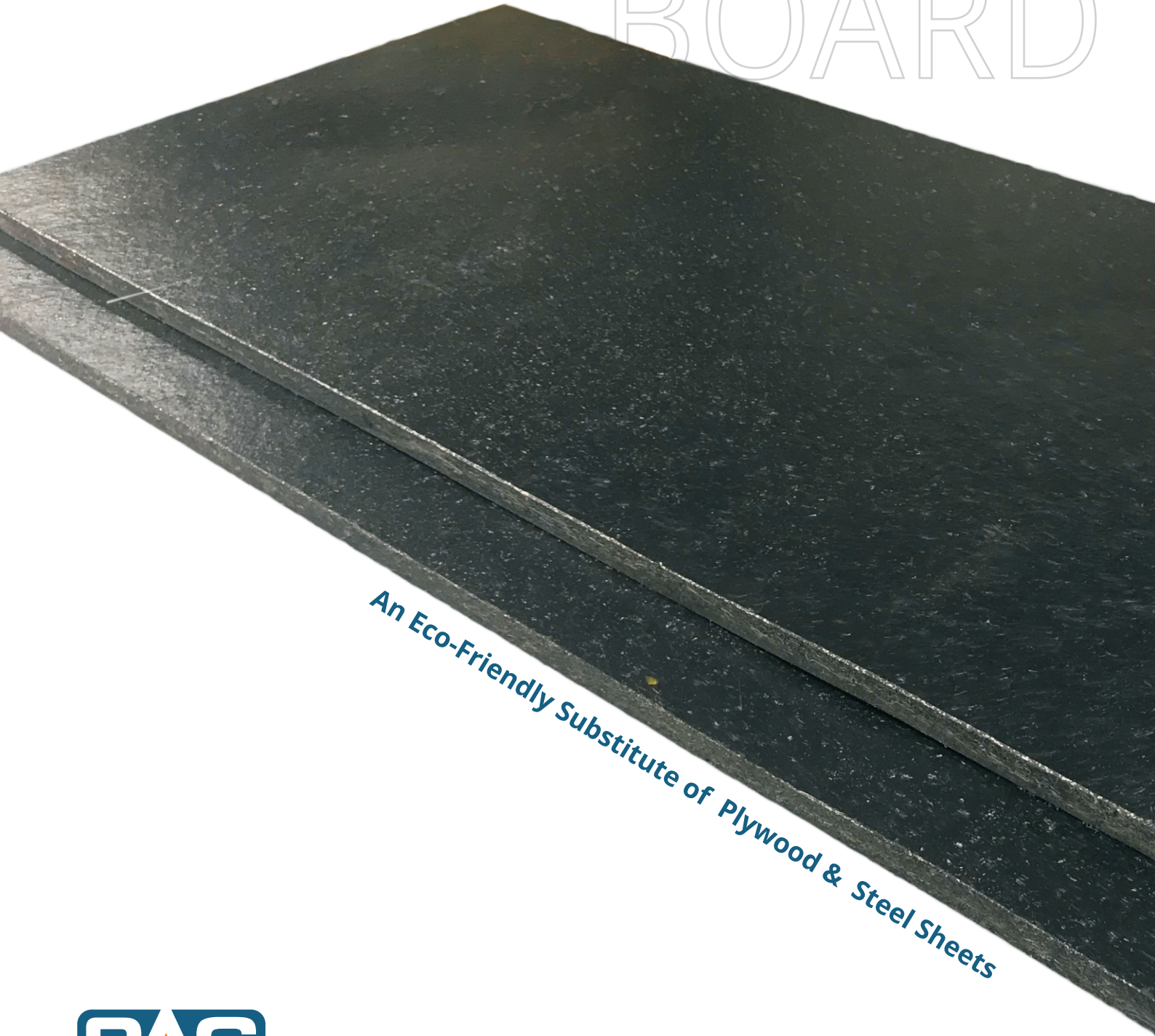
SHUTTERING BOARD



PLASTIC ALUMINUM COMPOSITE

WALL / FLOOR FOAMWORKS | ROAD & GUTTERS FOAMWORKS
CONCRETE FOAMWORK | ENGINEERED STRUCTURE FOAMWORKS
PRECAST CONCRETE CASTING

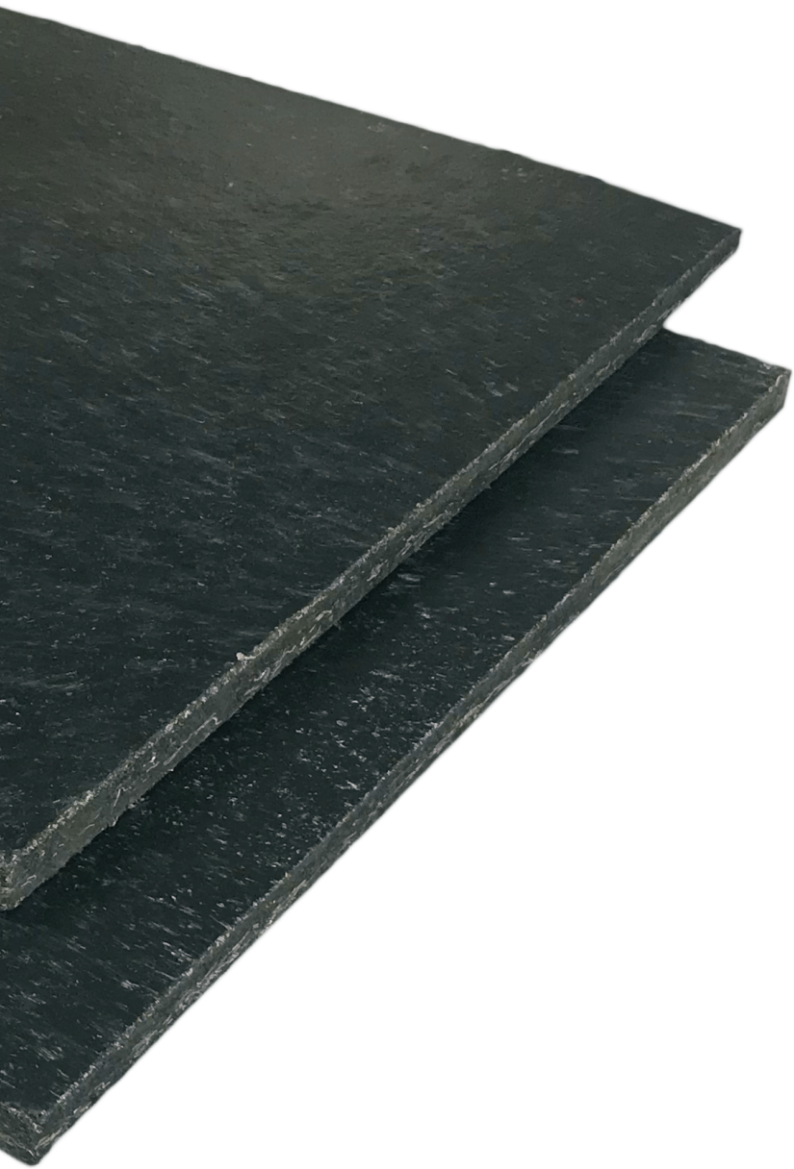
SHUTTERING BOARD



An Eco-Friendly Substitute of Plywood & Steel Sheets



**PLASTIC ALUMINUM COMPOSITE (PAC) BOARD
REINFORCED WITH FIBERS &
CROSS LINKED POLYMERS (XLP)**



ADVANTAGES

- Cost Effective As It Provides, Higher **Number of Uses**
- Smooth Surface For Better Finish
- Do Not Crack, Deform Or Degrade
- Recyclable, hence Have A Buy Back Value
- Extended Service Life Than Plywood or WPC



WATER PROOF



UV RESISTANT



STRONG



DURABLE, EASY TO CLEAN



DO NOT CRACK
DEFORM OR DEGRADE



RECYCLABLE



LONGER SERVICE

SPECIFICATION

THICKNESS

12 mm, 18 mm, 21 mm, 25 mm, 30 mm

SIZES

Length : 1050 to 2100 mm

Width : 600 to 900 mm

SURFACE & EDGES

Smooth Surface with Edges

Sanded

COMPOSITION

Mix Plastic(Industrial Grade) : 57 %

Aluminium Oxide : 23 %

XLP Metals : 20 %

DIMENSIONAL TOLERANCE

Length : ± 2 mm

Width : ± 2 mm

Thickness : ± 1 mm

Edge Straightness : 1 mm/Mt



TEST RESULTS (AS PER IS 12406-2003)

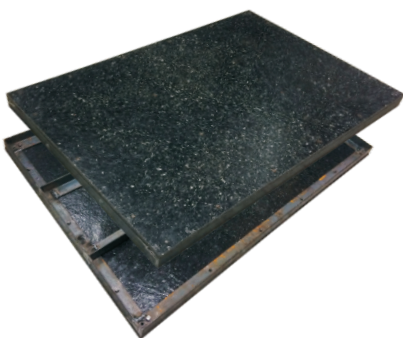
Density	:	1097 Kg/Cu. Mt.
Water Absorbtion (after 24 Hrs)	:	0.05 %
Compressive Stength	:	5222 PSI
Screw Withdrawal Strength	:	
Face	:	1650 N
Edge	:	1320 N
Resistant to Acid, Acetone, Alkali, Benzene, Salt	:	No Sign of Disintegration



RECOMMENDATION

To Maximize the Number of Use Cycle, following recommendation have to be Considered

- Board are to Handled with Care & Stacked Properly before concreting or while not in Use.
- Suitable Forming Oil is recommended for Longer Service & Better Finishing.
- After removing of shuttering, board should be cleaned properly with water to remove any concrete particle and again stacked properly on levelled surface.
- Minimum Nailing or Screwing should be used on Boards.



STEEL FRAME



WOODEN FRAME

COMPARISION

PARAMETERS	PLYWOOD	BLOCK BOARD	GMT	PVC FOAM	RAJRATAN PAC BOARDS
Water & Decay Proof	No	No	Yes	Yes	Yes
Termite & Borer Resistant	No	No	Yes	Yes	Yes
Economic Viablity	Yes	Yes	No	No	Yes
Sun / Heat Proof	Limited	Limited	Limited	No	High Level
Smooth Surface	No	No	Yes	Yes	Yes
Stability	Peels	Peels / Wrap	Stable	Bend	Stable
Thermo Formability	No	No	No	No	Yes
Smooth Edge Cuts	No	No	Yes	Yes	Yes
Fungus & Mildew Resistant	No	No	Yes	Yes	Yes
Buyback / Replacement Option	No	No	No	No	Yes
Eco - Friendly	No	No	Yes	No	Yes

OTHER GREEN INNOVATIONS



पर्यावरण प्रहरी

RAJRATAN

स्वच्छ रहें - स्वस्थ रहें

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