

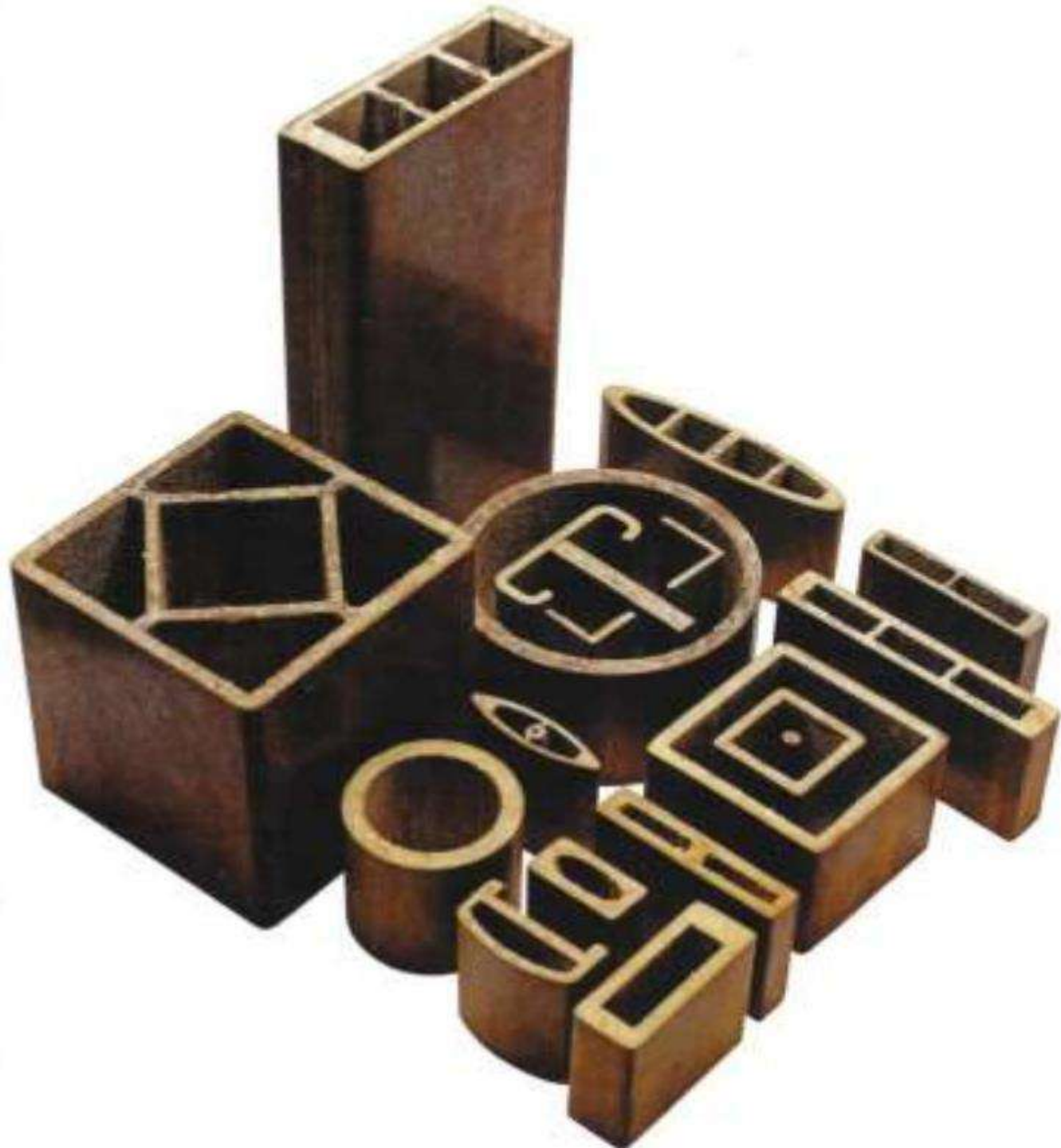


NATURAL
ELEMENTS

Natural Clads

An eco-friendly solution for all your building and construction needs.

- 100% wood replacement Products, made from renewable agro-fibers.
- Natural clads has a very low Carbon foot print.
- It means 1.75kgs of Carbon di oxide is produced for every cubic decimeter of Natural clads manufactured.



10 reasons why Natural Clads is better than wood, steel, aluminium, fiberglass and other materials!

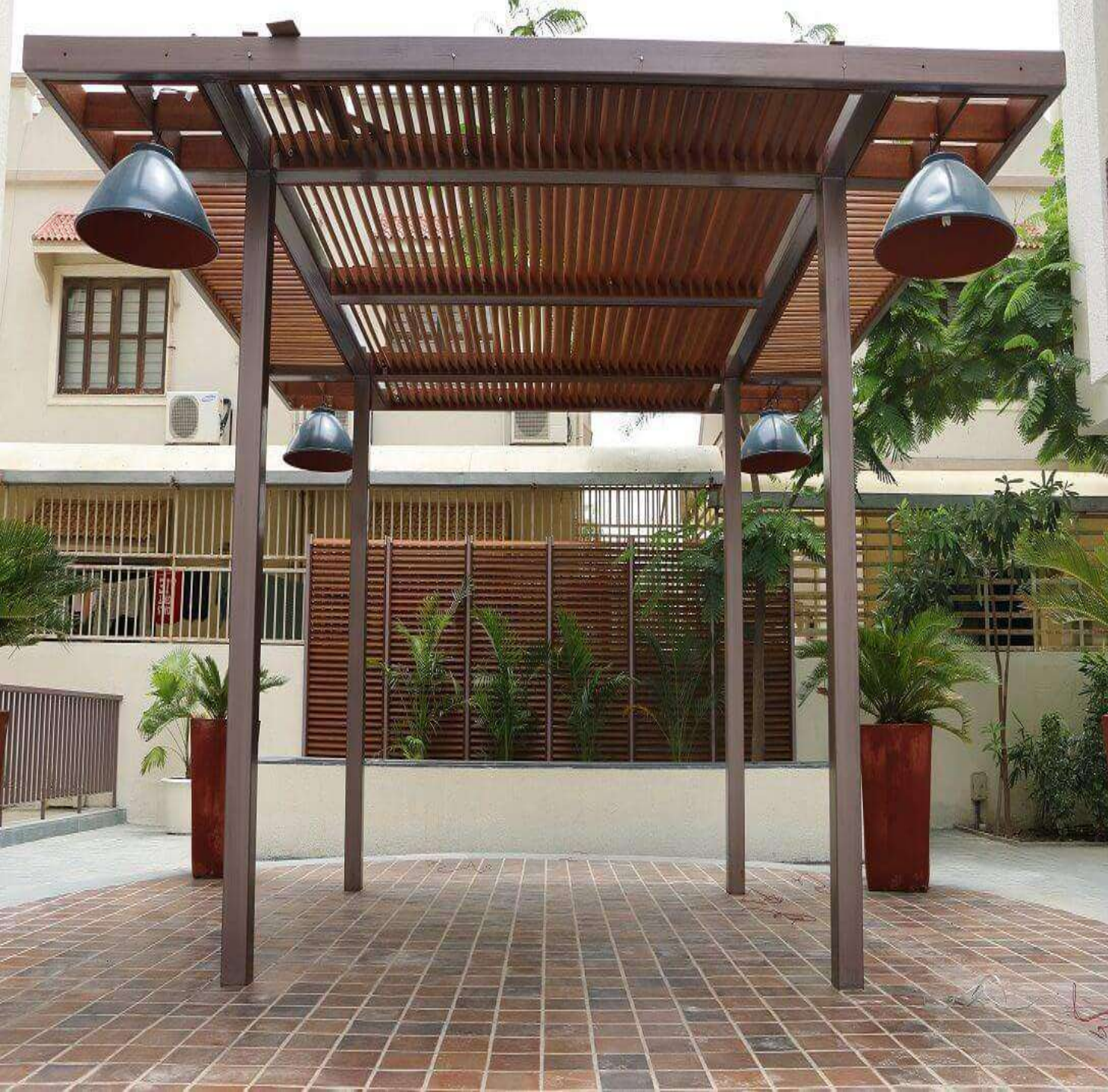
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|---|--|
|  Eco-Friendly |  Easy Install |
|  Flame Retardant |  Insect Proof |
|  Water Resistant |  Super Strength |
|  Light Weight |  Low Carbon Footprint |
|  Insulation |  Anti-Corrosion |



NATURAL CLADS PROPERTIES

AN ECO FRIENDLY PRODUCT: FOR ALL BUILDING AND CONSTRUCTION NEEDS

1. Environment Friendly Product.
2. Water Resistant (Low Water Absorption)
3. Light Weight
4. Negligible Wastage
5. Painted With Most Paint Systems
6. Can be Polished / Coated With Polyester, Melamine, Vinyl
7. Superior Strength
8. High Fatigue & Corrosion Resistance
9. Flame Retardant
10. Termite / Fungus Proof
11. Ready to Install
12. Customized Lengths
13. Cost Effective
14. Low Carbon Footprint
15. Durable
16. Thermal & Electrical Insulation



ADVANTAGES OF NATURAL CLADS

1. Looks and feels like Wood by negating the defects of Wood
2. 100% Eco Friendly - Don't need to cut trees
3. Uses natural fibres that are annually renewable
4. Promotes agriculture and thereby employment
5. Has a very low Carbon Footprint
6. Virtually maintenance free.
7. A 100% "Make-in-India" product, using local / domestic materials, technology and knowledge.



COMPARISON WITH WOOD



Specifications	Wood	Natural clads
Dimensional stability	Swells and shrinks with change in temperature & humidity	Does not significantly impact dimensional properties.
Maintenance	High Needs to be regularly power washed, inspected for rot, sanded and stained.	Negligible. Can be cleaned with soap and water when necessary
Weight & Durability	Being heavy, transportation and installation is rather expensive. Eventually decays	Light weight, stronger, and lower in cost. Long Lasting
Termites & Pests	Termites, carpenter ants, etc eat away at wood, causing extensive damage	Free from Termites etc. Ideal choice over wood
Overall Cost	Initially low but eventually higher over life of product	Costs less over its lifetime than wood



COMPARISON WITH STEEL



Specifications	Steel	Natural clads
Weight	Heavy. 5 times heavier than Tipwood	Substantially Light.
Strength	Weight increases with increased strength	Solid structures may be used for additional strength
Corrosion	Rusts easily unless it is painted or coated with zinc. Anti-corrosion being very expensive	Can resist severe weather and wide temperature changes
Insulation	Conducts electricity	Superior insulator: Does not conduct electricity



Manufactured with precision

In-House Experienced Team for:

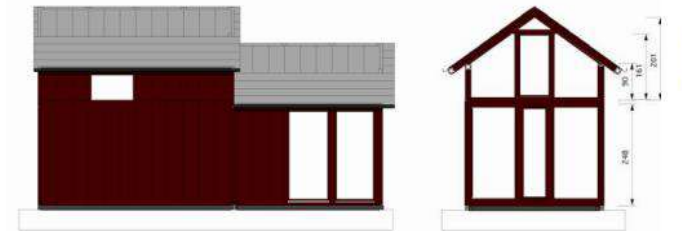
- Design, Fabrication & Process Hybrid Technology Manufacturing in India since 1945 .
- Turn Key Projects for Natural Clads Bio-based Composites
- Made in India, by Indians, with Indian Technology & indigenous materials

Case Study: Cabin In Europe

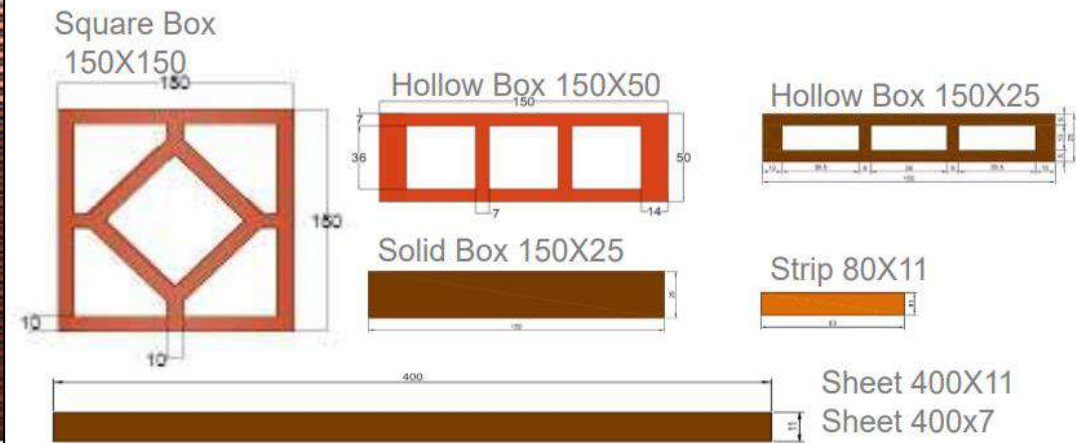
38 m²


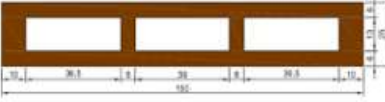


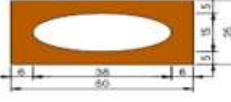
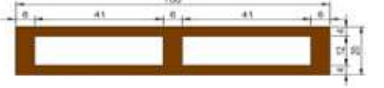
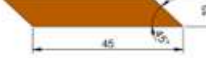


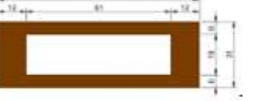

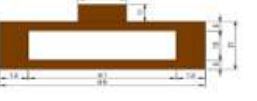
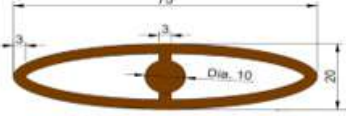







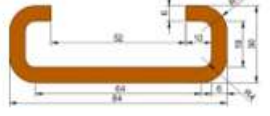




4.85 m tall

8.70 x 4.36 m



> 90% Natural clads used




Product Descriptions	Product Dimensions	Flat Strip Profile - 55 x 10mm	
Hollow Profile - 150 x 25mm		Flat Strip Profile - 40 x 20mm	
Solid Profile - 150 x 25 mm		Hollow Strip Profile - 50 x25 mm	
Door Profile - 100 x 20 mm(Hollow)		Strip Profile - 45 x 10 mm	
Door Profile - 100 x 20 mm(Solid)		L-Angle Profile - 30 x 30 x 4mm	
Door Profile - 85 x 31 mm(Hollow)		L-Angle Profile - 40 x 40 x 4mm	
Door Frame Profile - 85 x 31mm (Double Side)		Louver Profile - 75 x 20 mm	
Door Frame Profile - 85 x 31mm (Single Side)		Louver Profile - 75 x 20 mm Solid	
Flat Sheet Profile - 200 x 11mm		Round Pipe Profile - 80 x 10mm	
Flat Sheet Profile - 200 x 7mm		C-Channel Profile - 100 x 30 x 6 mm	
Flat Sheet Profile - 200 x 3mm		C-Channel Profile - 84 x 30 x6 mm	
Flat Sheet Profile - 400 x 11mm		I-Beam Profile - 38 x 6 mm	
Flat Sheet Profile - 400 x 7mm			
Flat Sheet Profile - 400 x 4mm			


Choose from over 40 plus unique profiles for all your building and construction requirements.



NATURAL
ELEMENTS

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