



BIOPLY



Product specification sheet

Definition

BIO-PLY is a sustainable alternative to plywood derived from mycelium and paddy straw. BIOPLY is carbon neutral and environmentally friendly than plywood. The physical and mechanical properties are comparable to commercially available particle wood.

Applications

BIO-PLY is highly recommended for commercial and residential constructions. BIOPLY is ideal for structures, laminated furniture, interiors, decorations and design.

Properties

BIO-PLY is highly resistant against different environments mentioned below

- Termite resistant
- Spill proof

Physical Properties

Density	59-320 kg /m ³
Length and width tolerance	+ - 2%
Thickness	+ - 10 %
pH	7
Flexural strength (10mm)	190 KPa
Tensile strength	100-300 KPa
Compressive strength	29-567 KPa

Format

A minimum thickness of 10 mm is recommended for the material good performance.

Different Sizes and thickness are available as per request.

Average cost being Rs 10 - Rs 25/sq. ft./10mm