



ENGINEERED FLOORING PLATFORM (EFP)

PRODUCT DESCRIPTION

Tropical species are used to manufacture these platforms for flooring industry. It is ensured that platform is stable, durable, environment friendly and resistant to extreme wear and tear. Manufactured with Class III resin, these panels don't delaminate even if in constant touch with water or any present in a high humid environment.

GLUING

Class 3: Phenol Formaldehyde bonding with 50 TO 54% solid content – Use of the panel in an outdoor environment (EN 636-3) especially

FORMALDEHYDE EMISSION

All the Engineered flooring Plywood are being manufactured as per CARB Phase II & TSCA Title VI emission norms.

SPECIES

Rubber wood Veneer with ceiba pentandra is used to manufacture all the panels. Both long grain and cross grain panels are available depending upon the requirement.

We advise to follow BS 8203 / 2017 for laying and installation of EFP for high durability and high dimensional stability.

SIZES

	STANDARD	UNIT	THICKNESS			
Standard Sizes	BS EN 12871-2013	mm	1250 x 2500 / 1220 x 2440			
Thickness		mm	9	12	15	18
Layer		Plies	5/7	7/9	9/11	11/13

TECHNICAL SPECIFICATION

TECHNICAL PROPERTIES	STANDARD	UNIT	VALUE
Density	EN 323	Kg/m ³	520-650
WBP	EN 310		Can withstand Minimum of 72 Hours at 100 °C Boiling Water
Glue Shear Strength	EN 789	N/mm ²	1350-1400
Modulus of Rupture (MOR)	EN 789	N/mm ²	50
Modulus of elasticity Along the Grain	EN 789	N/mm ²	6500 to 7500
Modulus of elasticity Across the Grain	EN 789	N/mm ²	3000 to 4000
Nail Holding Value	EN 310	N/mm ²	900-1000
Screw Holding	EN 310	N/mm ²	2200-2500
Thermal Conductivity	EN 10456	W/m K	0.05
Moisture	EN 322	%	8 - 10% (Vary as per EMC)
Dimensional tolerances			
Thickness	EN 315	mm	+(0.2 + 0.03t)-(0.4 + 0.03t)
Length / Width	EN 315	mm	± 3.0
Diagonal	EN 315	mm/m	1

The specific values are average values of production however the specific utilization will determine the values