



FILM FACE PLYWOOD

PRODUCT DESCRIPTION

Multi-layered veneers of Ceiba Pentandra and Hevea sandwiched in cross directions of each other with phenolic film on top and bottom of 120 – 340 GSM and sides closed with oil-based paint. Phenolic films are brown/black in color with or without logo. These plywood's are mainly used in construction and automobile industry.

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 film faced plywood are being manufactured as per CARB Phase II & TSCA Title VI emission norms, E1, E2 Emission level also available upon request.

SPECIES

Assorted tropical hardwood with ceiba pentandra is used to manufacture all the panels by using a robust construction and for multiple repetition. A wide range GSM of phenolic papers are used starting from 120 gsm to 384 GSM. 6 repetitions to 25 repetitions are guranted as per the order and utilization. Brown and black both the papers are available in printed and plain formats.

Finish - Class - 2 on first pour.

SIZES

	STANDARD	UNIT						
Standard Sizes	BS EN 13986	mm						
Thickness		mm	9	12	15	18	21	25
Layer		Ply	5/7	7/9	9/11	11/13	11/13	13/15

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	1350-1500
Bending Strength	EN 789	N/mm ²	50 to 60
Tensile Strength	EN 789	N/mm ²	36 to 45
Compressive strengt parallel to grain	EN 789	N/mm ²	40 to 50

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

 P.O. BOX N. 932, EMIRATE OF AJMAN, UAE



Modulus of elasticity	EN 789	N/mm ²	14,000-15000
Moisture	EN 322	%	8 - 10% (Vary as per EMC)
Dimensional tolerances			
Thickness	EN 315	mm	±0.4mm
Length / Width	EN 315	mm	± 3.0
Diagonal	EN 315	mm/m	1

SITE PRACTICES GUIDELINES:-

- 1.Store under cover - protecting from direct sunlight & wet weather conditions**
- 2.Handle & stack/store with care to avoid damage.**
- 3.Oil FORMPLY panels with a release agent before each use.**
- 4.Reseal cut edges and drill holes.**
- 5.Clean FORMPLY panels immediately after use, using non-ferrous wedges & tools**
- 6.Degrease FORMPLY F17 panels (with soapy solution) before applying release agent**
- 7.Repair/fill any holes/deep scratches with suitable epoxy filler/mastic.**

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