

TOP FORM

Top Form is a premium film-faced plywood featuring a high-density overlay that guarantees exceptionally smooth and less-rippling work surfaces. This product boasts an enhanced Class 3 bonding quality through its hard layer core, making it an excellent choice for demanding construction projects

GENERAL PRODUCT INFORMATION

Product name	TOP FORM
Application	- Exterior use as structural component - Formwork shuttering - Formwork system
Standard size	- 1,220 x 2,440mm - 1,250 x 2,500mm Optional: Other thicknesses upon request
Available thickness	09mm - 05 plies 12mm - 07 plies 15mm - 09 plies 18mm - 11 plies 21mm - 13 plies 24mm - 15 plies 27mm - 17 plies 30mm - 19 plies 35mm - 23 plies
Surface	Dark Brown Red High Density Overlay (HDO), $\geq$ 400gsm/ Dark Brown Red Phenolic Surface Film, $\geq$ 130gsm Optional: - HDO/ HDO
Edge coating color	Grey

PRODUCT SPECIFICATION

Wood species (core)	Plantation wood from legal sources 100% Rubberwood
Glue (core)	Phenolic Formaldehyde
Moisture content (l)	≤ 12%, leaving mill as per EN 322:1993
Panel density	670 kg/cbm ± 3% as per EN 323:1993
Structure & quality (core)	Overlap allowed Core gap allowed (100% machine-dried veneer)
Bonding properties (core)	Class 3 as per EN 314-2
Formaldehyde emission	E1 as per EN 120:1992 E0 as per JP, AS & NZS CARB P2 as per CARB, US
Length & Width tolerance	+/- 1mm/1m on nominal L & W (standard sizes) as per EN 315:2000
Thickness tolerance (vs. nominal thickness)	+ (0.2 + 0.03t) mm '- (0.4 + 0.03t) mm as per EN 315:2000
Thickness tolerance within 1 panel	≤ 0.6mm as per EN 315:2000
Squareness tolerance (2 diagonal lines)	+/- 1.5mm on nominal length of the diagonal line
Squareness tolerance (corners)	+/- 1mm/1m as per EN 315:2000
Straightness tolerance	+/- 1mm/1m as per EN 315:2000
Warping tolerance	≤ 30mm, or touch the horizontal plane when putting a weight of 15kg as per JAS

PERFORMANCE	
Abrasion resistance	≥ 1000 rev. (HDO side) as per EN438-2:2016
Swelling resistance	≤ 10% as per EN 317:1993
Rippling resistance	Excellent
Mean bending strength	as per EN 310:1993
- <i>Lengthwise</i>	≥ 40 N/mm ²
- <i>Widthwise</i>	≥ 50 N/mm ²
Modulus of elasticity	as per EN 310:1993
- <i>Lengthwise</i>	≥ 4,000 N/mm ²
- <i>Widthwise</i>	≥ 6,000 N/mm ²
<i>(Concrete) Pouring number</i>	Up to 50 times

COMPLIANCE & ORIGIN	
Certificates	ISO 9001 - ISO 14001 CE EN13986 + AI: 2015 (system 2+)
Wood material legality	EUTR (EU)/ Lacey Act. (US) and equivalent Optional: - FSC CoC
Origin	Made in Vietnam

PACKAGING STANDARD	
Packaging standard	Palletize, covered with carton and plastic straps Optional: - Covered with thin plywood
Loading quantity (crates/ cont)	14 - 16 pallets
Shipping mark & logo	

Notes:

- (1): *Equilibrium Moisture Content - EMC*
- *t: nominal thickness*