

EZ FORM

EZ Form is main-stream product line for concrete shuttering. This plywood delivers good surface performance and mechanical strength, conforming to EN 13986 standards and demonstrating a commitment to environmental responsibility

GENERAL PRODUCT INFORMATION

Product name	EZ FORM
Application	- Exterior use as structural component - Formwork shuttering
Standard size	- 1,220 x 2,440mm - 1,250 x 2,500mm Optional: Other thicknesses upon request
Available thickness	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 Phenolic Surface Film, $\geq 130\text{gsm}$ Optional: - Dark Brown Red Phenolic Surface Film, $\geq 220\text{gsm}$
Edge coating color	Black

PRODUCT SPECIFICATION

Wood species (core)	Plantation wood from legal sources Combi hardwood core Optional: - 100% Rubberwood
Glue (core)	Phenolic Formaldehyde

Moisture content (l)	≤ 12%, leaving mill as per EN 322:1993
Panel density	630 kg/cbm ± 3% (Combi) 670 kg/cbm ± 3% (100% Rubberwood) 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	≥ 300 rev. as per EN438-2:2016
Swelling resistance	≤ 10% as per EN 317:1993
Rippling resistance	Standard
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>	≥ 5,000 N/mm ²
(Concrete) Pouring number	Up to 25 times

COMPLIANCE & ORIGIN

Certificates	ISO 9001 - ISO 14001 CE EN13986 + A1: 2015 (system 2+)
Wood material legality	EUTR (EU)/ Lacey Act. (US) and equivalent Optional: - FSC CoC/ PEFC
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*