

LiteForm

LiteForm offers an ideal balance for projects that require both cost-effectiveness and reliable supply. Its lightweight design facilitates easy handling and installation, making it perfect for projects with tight casting schedules

GENERAL PRODUCT INFORMATION	
Product name	Film-faced plywood
Application	- Internal use as structural components in dry/ humid conditions - Formwork shuttering
Standard size	- 1,220 x 2,440mm Optional: Other sizes upon request
Available thickness	12mm - 40mm
Surface	Dark Brown Phenolic Surface Film, ≥ 160 gsm (recycled film)
Edge coating color	Black

PRODUCT SPECIFICATION	
Wood species (core)	Plantation wood from legal sources Combi hardwood core - Mill run
Glue (core)	Melamine Urea Formaldehyde
Moisture content (I)	$\leq 12\%$, leaving mill as per EN 322:1993
Panel density	≥ 550 kg/cbm as per EN 323:1993
Structure & quality (core)	Overlap allowed Core gap allowed
Bonding properties (core)	BR - 3h (Boil Resistant)
Formaldehyde emission	E2 as per EN 120:1992
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
Mean bending strength	as per EN 310:1993
- <i>Lengthwise</i>	≥ 30 N/mm ²
- <i>Widthwise</i>	≥ 45 N/mm ²
Modulus of elasticity	as per EN 310:1993
- <i>Lengthwise</i>	≥ 3,000 N/mm ²
- <i>Widthwise</i>	≥ 4,500 N/mm ²
<i>(Concrete) Pouring number</i>	Up to 5 times

COMPLIANCE & ORIGIN	
Wood material legality	EUTR (EU)/ Lacey Act. (US) and equivalent
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