

# ALUMA-PLY

## Upgrade your Plywood

### Enhance your concrete finish and efficiency

#### MDO/Phenolic Surface Film Backer

a perfect blend of durability, performance, and affordability. Harnessing the power of hardwood, our MDO Plywood offers superior stability and a high-quality, smooth surface, making it a versatile choice for a wide range of applications.

**Max 15 Uses**

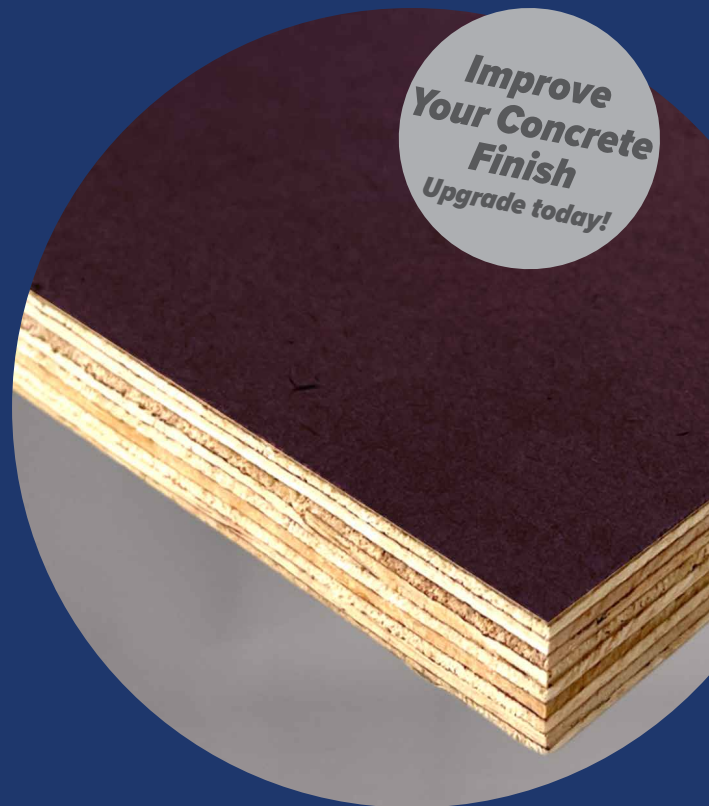
Repetitions / Usage

**18mm**

**600 Kg/m<sup>3</sup>**

Specs

Improve Your Concrete Finish Upgrade today!



# PLY

At Work For You™

**Aluma** SYSTEMS

BY BRAND SAFWAY

# SPECS

<b>Sizes</b>	Dimensions (mm)	2440.00 x 1220.00 mm
	Thickness (mm)	18.00
<b>Materials</b>	Face	MDO 325 gsm
	Back	Phenolic Surface Film – Top grade 125 gsm
	Face Color	Kraft Paper Color Light Brown
	Back color	Dark Brown
	Wood Species	Acacia,Eucalyptus,Hevea
	Core Grade	AA Grade
	Glue Type	WBP Phenolic
<b>Application</b>	Application	Formwork
	Formaldehyde Emissions	E1
	Maximum Repetition (times)	15
	Width & Length Tolerances (mm)	1mm per 1 meter
	Thickness Tolerance (mm)	According to EN315: +0.74 / -0.94
<b>Technical Performance</b>	Moisture Content (%)	12
	Density (kg/m3)	600
	Bonding Strength (Mpa)	1
	Mean Modulus of Elasticity (Along Grain) (Mpa)	7000
	Mean Modulus of Elasticity (Across Grain) (Mpa)	6000
	Min Bending Strength (Along Grain) (Mpa)	30
	Min Bending Strength (Across Grain) (Mpa)	30
	Thickness Swelling (%)	8

1. **MDO Face:** The panel's MDO face, with a 325gsm coating, ensures a matte concrete surface finish without leaving grain marks, resulting in a professional appearance and smoother construction process.
2. **Phenolic Surface Film Backer:** The back of the panel features a top-grade 125gsm phenolic surface film in dark brown color, providing excellent protection against weather conditions, chemicals, and wear, thereby prolonging the panel's life.
3. **Bonding Strength and Bending Strength:** With a bonding strength of 1 Mpa and minimum bending strength values of 30 MPA (across and along grain), the MDO 1SF panel offers superior stability and performance for various formwork applications.
4. **Moisture Content:** A 12% moisture content ensures dimensional stability and resistance to warping in varying construction site conditions.
5. **Maximum Repetition:** The MDO 1SF panel can be reused up to 15 times, making it a cost-effective choice for small to medium-sized construction projects.
6. **Core Grade:** The AA Grade core, made from Acacia, Eucalyptus, and Hevea wood species, guarantees a high-quality product with excellent structural integrity.
7. **Glue Type and Formaldehyde Emissions:** The panel uses WBP Phenolic glue for strong adhesion and meets E1 formaldehyde emission standards, ensuring a safe and eco-friendly option for your construction needs.

**TO ORDER** Contact your local Aluma Systems Branch or contact:

**T. 437.423.8908 E. [jvargas@aluma.com](mailto:jvargas@aluma.com)**