FURNITURE PANELS

ALBASIA/BALSA

VARUNA LESTARI

CHARACTERISTICS

- ✓ High strength and stiffness-to-weight ratio and good fatigue resistance
- ✓ Environmentally friendly solution
- ✓ High impact strength
- ✓ Lightweight solution, with low average density of Albasia sandwich panels ranging from 235 to 255 kg/m^3
- ✓ Balsa end grain core has an average density of 150-165 kg/m^3

PANEL DIMENSIONS

- ✓ 2500 x 1220 mm
- ✓ Thickness of 12 to 40 mm

FACE PANELS

- ✓ Albasia plywood
- ✓ Thickness: 3 mm
- ✓ Dimensions: 2500 x 1220 mm
- ✓ Quality: B or BB face
- ✓ Glue: MUF (Melamine Urea Formaldehyde)
- ✓ Labels: 100% FSC and Ecologically certified plantation wood V-legal/FLEGT

USES

- ✓ Furniture, yacht, campers
- ✓ Lightweight solution interior building

Indonesian® LEGAL Wood

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ALBASIA/BALSA

VARUNA LESTARI

PLYWOOD 2500 x 1220 mm

Code	Build-up	Panel Thickness (mm)
LTPA12	6mm end grain + 2x3mm ply	12
LTPA15	9mm end grain + 2x3mm ply	15
LTPA16	10mm end grain + 2x3mm ply	16
LTPA19	13mm end grain + 2x3mm ply	19
MDPA21	15mm end grain + 2x3mm ply	21
MDPA26	20mm end grain + 2x3mm ply	26
MDPA30	24mm end grain + 2x3mm ply	30
MDPA40	34mm end grain + 2x3mm ply	40

BALSA CORE

	Testing method	Unit	Minimum	Maximum
Density	—	kg/m^3	100	220
Compression strength	ASTM C-365	MPa	10.1	17.5
Compression modulus	ASTM C-365	MPa	3228	5199
Shear strength	ASTM C-273	MPa	2.0	4.3
Shear modulus	ASTM C-273	MPa	146	206

Values of this technical data sheet are average values according to the testing standard used. Tests have been carried out by a certified laboratory. It has to be taken into consideration that Balsa wood is a natural product influenced by many environmental factors, therefore values indicated herein do not express or imply warranty.