Transport

1.0 GENERAL CONSIDERATIONS

1.0 SCOPE OF USE	
Transport Flooring	Truck, trailer, van, and vehicle-body flooring: For transport vehicle floors requiring a durable anti-slip surface, wear resistance, and stable panel performance under loading, unloading, and regular traffic.
Industrial Flooring	Industrial and workshop flooring: For flooring areas exposed to foot traffic, equipment movement, tools, and general mechanical wear in industrial or workshop environments.
Scaffolding	Scaffolding platforms and walkways: For working platforms and access walkways where slip resistance, surface durability, and safe movement are required.

1.1 SURFACE	
Face	AICA dark brown red phenolic surface film, 135gsm, with wiremesh rice-grain pattern.
Back	AICA dark brown red phenolic surface film, 135gsm, smooth.

1.2 TECHNICAL PROPERTIES	
Species	Hevea core
Country of Origin	Vietnam
Sizes Available	1220 x 2440 12, 15, 18 & 21mm
Tolerances	+/- 1mm/ 1m on nominal L & W (standard sizes)
Moisture content	≤ 12%, leaving mill as per EN 322:1993
Panel Density	680-720 kg/cbm as per EN 323:1993
Structure Quality	Overlap allowed, Core gap allowed (100% machine-dried veneer)
Density Average	530-550kg/m3
Glue	PF (Phenolic Formaldehyde)
Bonding Properties	Class 3 as per EN 314-2
Emissions	≤ 0,062 mg/m3 as per EU 2023/1464

1.3 THICKNESS TOLERANCE (VS. NOMINAL THICKNESS)	
9 - 25 mm	+ (0.2 + 0.03t) mm, - (0.4 + 0.03t) mm
> 25 mm, ≤ 30 mm	+ (0.0 + 0.05t) mm, - (0.4 + 0.05t) mm
> 30 mm	+ (0.0 + 0.03t) mm, - (0.4 + 0.03t) mm
Thickness tolerance	≤ 0.5mm as per EN 315:2000 within 1 panel
Squareness tolerance	+/- 1.5mm on nominal length of the diagonal line (2 diagonal lines)
Squareness tolerance	+/- 1mm/ 1m as per EN 315:2000 (corners)
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 0223:2024

1.4 PERFORMANCE	
Abrasion resistance	≥ 300 rev. with PSF 135gsm ≥ 400 rev. with PSF 220gsm as per EN438-2:2016
Swelling resistance	≤ 5% as per EN 317:1993
Slip resistance	R12 as per DIN 51130:2014
Bending strength class as per EN 636:2003	
- Lengthwise	F20
- Widthwise F30	F30
Bending strength characteristic as per EN 310:1993	
- Lengthwise	≥ 35 N/mm2
- Widthwise F30	≥ 50 N/mm2
Bending modulus class as per EN 636:2003	
- Lengthwise	E30
- Widthwise F30	E50
Bending modulus characteristic as per EN 310:1993	
- Lengthwise	≥ 3,500 N/mm2
- Lengthwise	≥5000 N/mm2

Skape. PANELS