

HEVEA HEXA

PLYWOOD

HEXA is a versatile solution with one side coated with film having hexagonal pattern and the other side with smooth film, that withstand various weather and chemical conditions, while multi-layer structure of panels provides exceptional strength and high bearing capacity, makes them perfect for the production of wearresistant surfaces.

HEVEA RAW PLYWOOD IS IDEAL FOR:

- ✓ Industrial flooring in warehouses and manufacturing facilities
- ✓ Vehicle floors in trailers, vans, and rail applications
- ✓ Platforms, scaffolding, playground surfaces, and loading docks

Product name

Hexa

Application

Industrial & Vehicle Flooring

Size:

1,220 x 2,440 mm

1,250 x 2,500 mm

Thickness:

09 - 12 - 15 - 18 - 21 - 24 - 27 mm

Optional:

Other thicknesses upon request

Definition of number of plies

09 mm - 07 plies 12 mm - 09 plies

15 mm - 11 plies 18 mm - 13 plies

21 mm - 15 plies 24 mm - 17 plies

27 mm - 19 plies

Surface

Face: Dark Brown Film with hexagonal pattern
60/185 gsm

Back: Dark Brown Film 45/135 gsm

Optional: Light grey Film with hexagonal pattern 60/185 gsm



Core details

Wood species (core)	Plantation wood from legal sources 100% Rubberwood
Glue	PF (Phenol Formaldehyde)
Moisture Content ⁽¹⁾	≤ 12%, leaving mill as per EN 322:1993 ≤ 12%, leaving mill as per PS 1-09 ≤ 12%, leaving mill as per ANSI
Panel Density	690 kg/cbm ± 3% as per EN 323:1993 as per ANSI
Bonding quality	Class 3 as per EN 314-2 Type I as per ANSI/ HVPA HP-1-2020 Exterior as per PS 1-09
Formaldehyde Emission	E1 as per EN 120:1992 E0 as per JP, AS & NZS CARB P2 as per CARB, US

Tolerances of dimension and shape

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
Thickness tolerance within 1 panel	≤ 0.6mm N as per EN 315:2000
Warping tolerance	Panel < 7.5mm: ≤ 50mm, or touch the horizontal plane when putting a weight of 10kg Panel ≥ 7.5mm: ≤ 30mm, or touch the horizontal plane when putting a weight of 15kg as per JAS

Panel performance

Abrasion resistance	as per EN 438-2 ≥ 300 REV.
Slip Resistance	as per DIN 51130:2014 R10
Mean bending strength	as per EN 310:1993
- Lengthwise	≥ 50 N/mm ²
- Widthwise	≥ 30 N/mm ²
Modulus of elasticity	as per EN 310:1993
- Lengthwise	≥ 5,000 N/mm ²
- Widthwise	≥ 3,000 N/mm ²

Compliance & Origin

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

Packaging details

Packaging standard	In bundle, covered with carton sheets and plastic straps
Packaging quantity for size 1,220 x 2,440 mm (sheets/ crate)	(packing and loading quantity may be adjusted accordingly to actual conditions or regulations)
9 mm	97-102
12 mm	73-76
15 mm	57-61
17 mm	51-54
18 mm	48-51
21 mm	41-43
Packaging quantity for size 1,250 x 2,500 mm (sheets/ crate)	(packing and loading quantity may be adjusted accordingly to actual conditions or regulations)
9 mm	93-98
12 mm	69-74
15 mm	55-59
17 mm	49-52
18 mm	46-49
21 mm	39-42
Loading quantity (crates/ cont)	14 - 16 (in 40' HC)
Gross weight (kg/ crate)	From 1,850 Kgs to 2,000 Kgs

*Notes:**(1): Equilibrium Moisture Content - EMC**t: nominal thickness**Specifications are subject to change without prior notice.*