

PRODUCT DESCRIPTION

WIREMESH PLYWOOD is a versatile solution with an anti-slip film surface, ensuring durability and safety. Ideal for industrial and vehicle flooring, it offers exceptional wear resistance and high bearing capacity. The product is suitable for warehouses, factories, trucks, containers, and more.

Specific Information

Product name	WIREMESH PLYWOOD
Application	Industrial Flooring
Standard size	1,220 x 2,440mm, and 1,250 x 2,500mm
Thickness & number of plies	12mm - 7 plies 15mm - 9 plies 18mm - 11 plies 21mm - 13 plies 24mm - 15 plies 27mm - 17 plies
Surface	Wiremesh-phenolic-surfaced film on 1 side, of 130gsm; and Dark Brown Film of 130gsm on the other side

Core details

Wood materials	Hevea (Rubberwood) from legal sources	
Grain direction of outer layers	Cross-grain	
Panel Density	EN 323:1993	≥ 630 kg/cbm
Moisture Content ⁽¹⁾	EN 322:1993	≤ 12%, leaving mill
Glue	Phenolic Formaldehyde	
Bonding quality	EN 314-1:1993	Class 3
Formaldehyde Emission	EN 717-2:1995	E1 (E0.5 since 2020, market practice)

Tolerances of dimension and shape

Length & Width tolerance	EN 324-1:1993	+/- 1mm/ 1m on nominal L & W (standard sizes)
Thickness tolerance (vs. nominal thickness)	EN 324-1:1993	+ (0.2 + 0.03t) mm - (0.4 + 0.03t) mm
Thickness tolerance within 1 panel	EN 324-1:1993	≤ 0.6mm
Squareness tolerance (corners)	EN 324-2:1993	1mm/ 1m
Straightness tolerance	EN 324-2:1993	1mm/ 1m
Warping tolerance	JAS for Plywood	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

Panel performance

Abrasion resistance	EN 438-2:2016	≥ 300 rev.
Swelling resistance	EN 317:1993	≤ 10%
Mean bending strength - Lengthwise - Widthwise	EN 310:1993	≥ 30 N/mm ² ≥ 50 N/mm ²
Modulus of elasticity - Lengthwise	EN 310:1993	≥ 3,000 N/mm ²

- Widthwise	≥ 5,000 N/mm ²
(Concrete-)Pouring number	0

Packaging details

Packaging standard	In bundle, covered with carton/ thin plywood and plastic straps
Packaging quantity for size 1,220 x 2,440mm (sheets/ crate)	<i>(packing and loading quantity may be adjusted accordingly to actual conditions or regulations)</i>
5mm	187-180
9mm	99-100
12mm	74-75
15mm	59-60
17mm	52-53
18mm	49-50
21mm	42-43
Packaging quantity for size 1,250 x 2,500mm (sheets/ crate)	<i>(packing and loading quantity may be adjusted accordingly to actual conditions or regulations)</i>
5mm	170-174
9mm	94-97
12mm	71-72
15mm	56-58
17mm	50-51
18mm	47-48
21mm	40-41
Loading quantity (crates/ cont)	14 - 16 (in 40' HC)
Gross weight (kg/ crate)	From 1,850 Kgs to 2,000 Kgs
Shipping mark	Au-Mex

Notes:

- (1): Equilibrium Moisture Content - EMC
- t: nominal thickness

Real PLYWOOD®

Importer:

Au-Mex Ltd.

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