

PRODUCT DESCRIPTION

E-FORM is Au-Mex' main-stream product line for concrete shuttering, which offers good surface performance and mechanical strength as per EN 13906 (European Standard for wood-based panels for construction uses).

Specific Information

Product name	FILM-FACED PLYWOOD - E-FORM
Application	Formwork application
Standard size	1,220 x 2,440mm, and 1,250 x 2,500mm
Thickness & number of plies	12mm - 7 plies 15mm - 9 plies 17mm - 10 plies 18mm - 11 plies 21mm - 13 plies
Surface	Dark Brown phenolic Film, 130gsm

Core details

Wood materials	Hevea (Rubberwood) from legal sources	
Construction	Standard plywood standard from joined veneers, core gaps & overlaps allowed	
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	≥ 40 N/mm ² ≥ 50 N/mm ²
Modulus of elasticity - Lengthwise - Widthwise	EN 310:1993	≥ 4,000 N/mm ² ≥ 5,000 N/mm ²
(Concrete-)Pouring number		Up to 20 times

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.

Adress: Podebradska 574/40
190 00 Prague 9 - Vysocany
Czech republic

Ph: +420 283 933 452

e-mail: export@au-mex.com