

PRODUCT DESCRIPTION

T-FORM is a premium Film-faced plywood featuring a high-density overlay that guarantees exceptionally smooth and less-rippling work surfaces. Platform of T-FORM is also an enhanced version of Class 3 (WBP) bonding quality with exceptional durability and impressive load-bearing capacity. The product is ideal for projects demanding visually appealing concrete finishes.

Specific Information

Product name	FILM-FACED PLYWOOD - T 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, combined with underlay, ≥400gsm (in total)

Core details

Wood materials	Plantation wood (from legal sources) Rubberwood
Panel Density	EN 323:1993 ≥ 650 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	≥ 600 rev.
Swelling resistance	EN 317:1993	≤ 10%
Mean bending strength - Lengthwise - Widthwise	EN 310:1993	≥ 40 N/mm ² ≥ 60 N/mm ²
Modulus of elasticity - Lengthwise - Widthwise	EN 310:1993	≥ 4,000 N/mm ² ≥ 6,000 N/mm ²
(Concrete-)Pouring number		1S: Up to 30 times 2S: Up to 40 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	168-180
9mm	93-100
12mm	70-75
15mm	56-60
17mm	49-52
18mm	46-50
21mm	40-42
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	160-171
9mm	89-95
12mm	66-71
15mm	53-57
17mm	47-50
18mm	44-47
21mm	38-40
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