

TECHNICAL SPECIFICATIONS

Panel sizes, L×W, mm [ft]	1220×2440 [4×8] 1500×3000 [5×10] 1250×2500 [4×8] 1525×3050 [5×10]
Thickness, mm	18,21(6-30)
Surface	F/F [smooth/smooth]
Wear resistance [Taber value]	350
Formaldehyde emission class	E1
Water resistance	high
Density, kg/m³	640-700
Moisture, %	≤14
Edge treatment	waterborne acrylate paint

STRENGTH VALUES

Static bending strength, min MPa	along the grain of the face veneers	60
	across the grain of the face veneers	30
Modulus of elasticity in static bending, min MPa	along the grain	6,000
	across the grain	3,000

SIZE TOLERANCES

Panel length/width, mm	Tolerance, mm
1220/1250	±3.0
2440/2500	±4.0

THICKNESS TOLERANCES

Panel thickness, mm	Plies	Tolerance, mm
18	13	+0.7; -0.9
21	15	0.0; -1.1

NUMBER OF PANELS IN BUNDLE

Size, mm	Panel thickness, mm	Bundle height, mm			
		400		600	
		Panels in bundle, pcs	Bundle volume, m³	Panels in bundle, pcs	Bundle volume, m³
1220×2440×1220	18	22	1.179	33	1.768
	21	19	1.188	29	1.813
1250×2500×1250	18	22	1.238	33	1.856
	21	19	1.247	29	1.903

LOADING CAPACITY STANDARDS

Size, mm	Bundle height, mm	Semi-trailer	
		Number of bundles	Volume, m³
1220×2440×1220	400	24	29
	600	16	29
1250×2500×1250	400	23-24	29-30
	600	16	30

COMPLIANCE

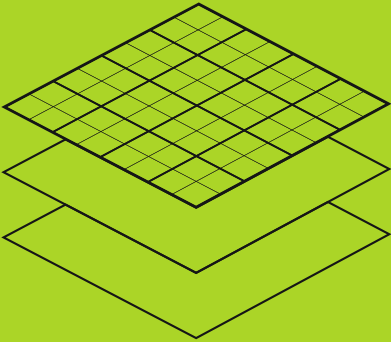
CE

CARB

FSC



KINTER BIRCH



KINTER FILM FACED BIRCH PLYWOOD IS THE GRID RULED SHUTTERING PLYWOOD

COMPLIANCE

CE

CARB

FSC



MARKING COMES IN HANDY



Birch plywood

100%

Patented technology



KINTER BIRCH

KINTERWOOD BIRCH OFFERS THE FOLLOWING ADVANTAGES OVER CONVENTIONAL FILM-FACED PLYWOOD:

The edges of KINTER BIRCH are covered with special waterborne acrylate paint with low water permeability. The panel is made of 100% birch wood and has excellent strength characteristics. The surface is sanded and coated with a wear-resistant material [Taber value 350R].

ADVANTAGES

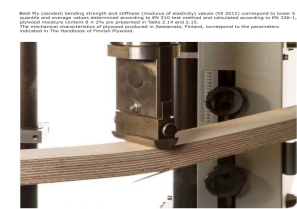


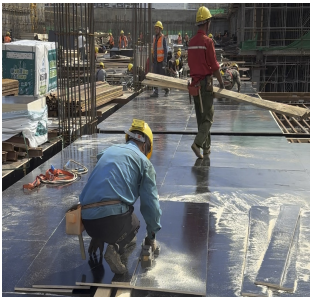
Table 2.15. Plywood/Birch plywood quality according to factory production controls

Parameters according to EN 13956-1	Weight (kg/m²)	Moisture (%)	Swelling (%)
Swelling for 24 h in water at 20 ± 2 °C	2.05	1.01	99.2
Swelling for 24 h in water at 20 ± 2 °C	2.07	1.47	99.4
Swelling for 24 h in 5% NaCl solution, followed by swelling in water at 20 ± 2 °C for 24 h	1.92	1.32	99.4

High strength,Easy to maintain,and Reusable



Easy to lay rebar and install rebar chairs



Easy to cut into extensions and cut square corners



Saves time and labor

EDGES



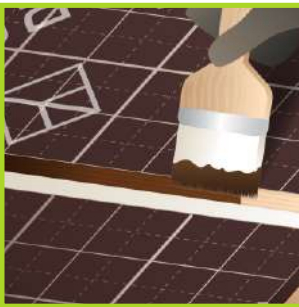
Edges sealed with special paint against moisture

PACKED AS STACKS ON WOODEN BLOCKS



Up to 20% less time for unpacking

TIPS TO MAKE KINTER BIRCH LAST LONGER:



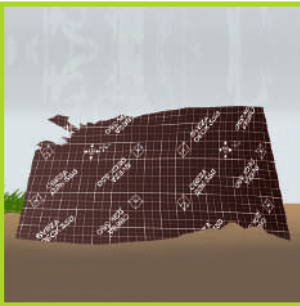
When cutting the panel, protect the cut edges with special paint such as TEKNOS Teknol JRM (Finland) or a sealer to prevent swelling from moisture.



Fill all holes drilled during installation with silicone adhesive to prevent swelling from moisture.



When removing the shuttering, be careful not to drop the plywood panels and not to drag them on the ground.

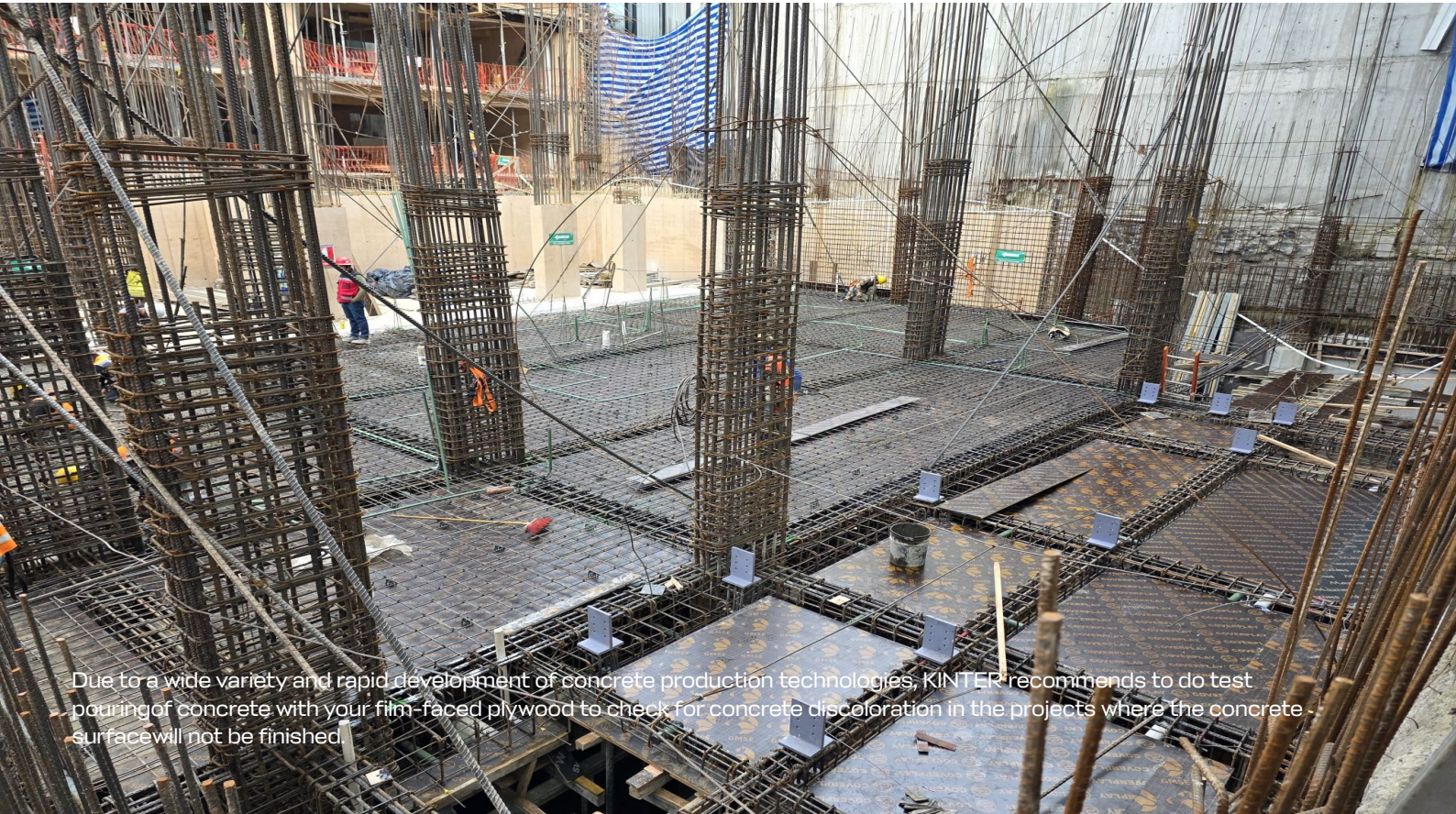


Inspect your formwork after removing and clean off concrete residue. Avoid reusing severely damaged panels. Lightly damaged panels can be used for making extensions.



Carefully stack the panels to be used for forming the upper floors and lift the stack with a crane.

For extra tips and advice how to prolong the service life of KINTER BIRCH refer to 'Recommendations on Transportation and Storage of KINTER Film Faced Birch Plywood' in the section at www.KINTERWOOD.com.



Due to a wide variety and rapid development of concrete production technologies, KINTER recommends to do test pouring of concrete with your film-faced plywood to check for concrete discoloration in the projects where the concrete surface will not be finished.

* Conventional film-faced plywood is water-resistant plywood made with PF adhesive and faced with phenolic film without grid ruling.

COMPLIANCE



