

FILM FACED BIRCH PLYWOOD

Perfect for demanding outdoor environments, Film-Faced Birch Plywood is designed for heavy-duty applications such as formwork, trailers, and exterior cladding. The film-faced coating provides extra protection against moisture, wear, and the elements, making it a reliable choice for exterior use where strength and weather resistance are crucial.

BIRCH FILM FACED PLYWOOD IS IDEAL FOR:

- ✓ **Construction: Shuttering, building panels, and monolith construction**
- ✓ **Transport industry: Vehicle flooring and trailer construction**
- ✓ **Furniture manufacturing and playground equipment**
- ✓ **Automotive and shipbuilding industries**

Product name

Film Faced Birch Plywood

Application

Suitable for formwork systems, scaffolding, transport industry, construction works.

Sizes

1250 x 2500 mm; 1220 x 2440 mm

Veneer thickness

1,5 mm

Glue contents

Phenol Formaldehyde (WBP), E1

Surface

Dark brown phenolic film
Edges sealed with water resistant paint
Film density 120 g/m²; 220 g/m²

Moisture content

10% +/- 2%

Production standard

EN 636-3S

Certification

FSC Mix Credit
PEFC
CE
UKCA
CARB Phase 2/TSCA
EN 717-1



THICKNESS TOLERANCE FOR SANDED MATERIAL (Special thickness tolerances available upon request)

Nominal Thickness	6,5	9	12	15	18	21	24	27	30	35
Number of plies	5	7	9	11	13	15	17	19	21	25
Minimum	6,1	8,8	11,5	14,3	17,1	20,0	22,9	25,2	28,1	33,5
Maximum	6,9	9,5	12,5	15,3	18,7	21,5	24,5	26,8	30,5	35,5

PLYWOOD PACKAGING

Thickness	6,5	9	12	15	18	21	24	27	30	35
Number of sheets per pack	110	80	60	50	40	35	30	27	25	21
m ³ per pack 1250x2500	2,234	2,25	2,25	2,344	2,25	2,297	2,25	2,278	2,344	2,296
m ³ per pack 1220x2440	2,128	2,143	2,143	2,233	2,143	2,188	2,143	2,170	2,232	2,187
m ² per pack 1250x2500	343,75	250	187,5	156,25	125	109	93,75	84,38	78,13	65,62
m ² per pack 1220x2440	327,47	238,16	178,62	148,85	119,08	104,20	89,31	80,38	74,43	62,52

FILM FACED BIRCH PLYWOOD QUALITY GRADES

CHARACTERISTICS	GRADES	
	F1/W1	F2/W2
Lack of laminate film on the surface	Allowed no more than 5 mm, if it is covered with moisture-protective paint	Allows unpainted 20cm x125cm
Wood structure, sound knots, inserts	Permitted	Permitted
Film stains and streaks on the surface	No more than 15% of the sheet area stains are allowed without loss of integrity of the surface coating	Permitted
Matte spots and stripes	Up to 50% of the surface	Permitted
Streaks and stains from pressing plates	Permitted	Permitted
Temperature stains on the surface	Not permitted	Allowed without damaging the coating
Film coatings (thickenings, wrinkles)	No restrictions with a width of 20 mm	Permitted
Film fragments glued to the surface	Allows 1cm width x 5cm length, 3 per sheet	Permitted
Burnt film (burnout) due to veneer defects: cracks, damage	10 mm wide, 1 pc/meter width. Ø 30 mm, 1 pc/meter wide or unlimited if Ø 10 mm	Permitted
Veneer defect due to rough peeling	Allows 25cm x 25cm	Permitted
Dents	5mm width x 3cm length/3 per sheet	Permitted
Scratches	If there is no scratched laminate	Permitted
Trimming defects	Not permitted	Permitted
Soft edges. Lack of veneer at the edges	Allowed in one layer of veneer with a depth of 3mm., the edges should be firm	Tolerates if the edges of the plywood are rigid
Delamination	Not permitted	7cm x 7cm / 2 per sheet

BIRCH PLYWOOD DIMENSIONS AND TOLERANCES

Nominal thickness, mm	Number of plies	EN 315 thickness tolerance, mm		Plywood thickness tolerance, mm	
		min	max	min	max
6.5	5	5.9	6.9	6.1	6.9
9	7	8.3	9.5	8.8	9.5
12	9	11.2	12.6	11.5	12.5
15	11	14.2	15.7	14.3	15.3
18	13	17.1	18.7	17.1	18.7
21	15	20.0	21.8	20.0	21.5
24	17	22.9	24.9	22.9	24.5
27	19	25.2	28.4	25.2	26.8
30	21	28.1	31.5	28.1	30.5
35	25	33.5	36.1	33.5	35.5
40	29	38.4	41.2	38.8	41.2

Panel sizes

Standard sizes, mm x mm

1220 x 2440

1250 x 2500

Panel tolerances

Length/Width, mm

< 1000

± 1

1000 ... 2000

± 2

> 2000

± 3

EN 315 Squareness of panel

1 mm/m

EN 315 Straightness of panel

1 mm/m