



Welde Bi-Ply FILM

Birch poplar combi plywood

Welde Film Bi-Ply is a coated birch poplar combi plywood for use in vertical and horizontal formwork/shuttering applications.



Plywood:

The plywood panels are glued crosswise (**birch/poplar** veneer) with a water-resistant phenolic resin. The gluing meets the requirements of EN 314-2 class 3 – the highest gluing class for plywood for outdoor use.

Surface:

Phenolic resin film brown 120 g/m² on both sides

Other coatings on request.

Edge sealed with brown acrylic varnish.

Reuses:

With optimal processing and proper treatment, up to 25 uses or more can be achieved.

However, this is a non-binding guide value that depends on many factors that affect the panel.

Panel thicknesses

<i>thickness in mm</i>	<i>numbers of layers</i>	<i>weight in kg/m²</i>	<i>bundles per truck</i>	<i>numbers of pieces per bundle</i>
12	7	7,00	13	84
15	9	8,50	13	66
18	11	10,5	13	54
21	13	12	13	46



Panel dimension

1250 x 2500 mm

Tolerance length/width: according to EN 315

Humidity 10 % +/- 2 %

Structural properties

thickness in mm (EN 315)	bending module of elasticity in N/mm ² (EN 310)		bending strength in N/mm ² (EN 310)	
	$E_{m5\%II}$	$E_{m5\%L}$	$f_{m5\%II}$	$f_{m5\%L}$
15	6205/E60	4557/E50	71,15/F40	43,42/F25
18	7043 / E70	5672 / E50	57,75 /F30	54,14/F30
21	5882 / E60	4723 / E30	46,30 / F30	35,10 / F20

Other thicknesses on request

FSC® or PEFC certification available on request

