

# BIRKOPLEX®

## strong

**BIRCH PLYWOOD IN SPECIAL THICKNESSES  
UP TO 100 MM VENEERED WITH NOBLEWOOD.**

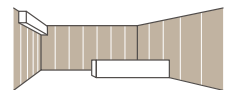
For timber mullion and transom constructions  
in window and façade construction.



high strength



digital printing possible



Especially suitable for  
walls; window- and facade construction;

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CORE BOARD		Recommended configuration	Individualisation
Core board:	Birch plywood according to DIN 314-2 glued with a tightly joined centre layer		
Core board thickness:	approx. 50 mm		60 mm, 76 mm
FORMATS			
Formats:	Minimum width 60 mm		see core board table, fixed dimensions and overlengths possible on request
GLUING			
Veneer gluing:	D4 according to EN 204		
VISIBLE SIDE			
Veneer:	European oak		140 wood species: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
Quality:	A-First Quality		A-Pattern matching 5*, A, B, C: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
Grading:	Half-crown cut		2 further grading types: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
Bonding method:	slip matched		6 further bonding methods: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
Veneer thickness:	approx. 0,6 mm		hardwoods approx. 0,6 mm, softwoods approx. 0,9 mm 1,5 mm, 2,5 mm nominal on request
Surface processing:	Rough-ground (grain 120)		further surface processings: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
REVERSE SIDE			
Veneer:	European oak		140 wood species: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
Quality:	B		A-First Quality, A, C, paper, factory selection: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
Bonding method:	slip matched		6 further bonding methods: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>
Veneer thickness:	approx. 0,6 mm		hardwoods approx. 0,6 mm, softwoods approx. 0,9 mm 1,5 mm, 2,5 mm nominal on request
Surface processing:	Rough-ground (grain 120)		further surface processings: see <a href="http://www.europlac.com/customisation">www.europlac.com/customisation</a>

### CERTIFICATES

FSC® / PEFC / E0.5: Certificate depending on the product version

### ADDITIONAL INFORMATION

Calibrated carrier plate ensures more homogeneous thicknesses.  
Carrier properties: Based on EN 315.  
Sandwich construction - gluing not static.  
Limited use in sauna / swimming pool construction / wellness area possible.

### CONTACT OUR EXPERT TEAM

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## **BIRKOPLEX®** strong

### **BIRKOPLEX® AND WARPING**

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Due to climatic fluctuations and the natural swelling and shrinkage of wood, plywood may have a tendency to warp. This is naturally more pronounced when Birkoplex boards are used in damp areas such as kitchens and bathrooms.

It is crucial that the plywood is allowed to achieve an equilibrium moisture content. This means that the material must be processed under the same climatic conditions as it will be installed later. Furthermore, when selecting the surface treatment, care must be taken to ensure that no moisture is added.

There are also design options for stabilization: almost all hardware manufacturers (e.g. Häfele) have compensating hardware in their range for this purpose. They can be used to adjust doors that are not fixed by a espagnolette lock or other constructive means (e.g. a ridge strip).

Please understand that we cannot accept distortion of plywood as a possible complaint. Our products are optimally manufactured and packaged. Please also ensure that the boards are stored correctly at the respective storage locations (retailers and processors), especially in humid seasons.

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Note: Please note that wood is a natural product. Irregularities in color and structure are a natural characteristic and are generally desirable. Please understand that samples and illustrations regarding color and structure can only be an indication.

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