

**DYAS** 

QUALITY IN ALL LAYERS SINCE 1930



## **DYAS** beech

is an all-beech plywood made of many plies of rotary-cut beech veneers glued together with an urea-formaldehyde adhesive. The grains of adjoining layers are at right angles to each other. For its excellent characteristics such as great compactness, persistence, flexibility and size stableness, beech plywood is an important material in furniture-making production and joinery, for the production of casings, wooden toys and musical instruments.

[www.dyas.eu](http://www.dyas.eu)

  
Certificate ISO9001  
Certificate PEFC



## DYAS Beech

Is a health harmless plywood complying with the E-1 Class of formaldehyde escape according to ČSN EN 717-1. At customer's request for even lower values of formaldehyde escape, we are able to offer variation, where material complies certification CARB phase II, according to ASTM D 6007-14.

## Application:

For its excellent durable characteristic, DYAS Beech plywood is used especially in furniture-making production and joinery.

## Thickness:

3, 4, 5, 6, 8, 9, 10, 12, 15, 18 mm  
(other thicknesses on customers' request)

## Types:

All beech – all layers are of beech veneers

## Gluing:

Class of gluing 1 (IF 20) - ČSN EN 314-2 – can be used in interior applications according to ČSN EN 636 - 1

Class of gluing 2 (A100) - ČSN EN 314-2 – can be used in protected exterior areas according to ČSN EN 636 - 2

Class of gluing 3 (AW100) - ČSN EN 314-2 – can be used in unprotected areas according to ČSN EN 636 - 3

## Dimensions:

2 200 x 1 250 mm  
2 500 x 1 250 mm  
(long grain or cross grain orientation, other dimensions on customers' request)

## Quality:

B/BB, BB/CP

## Sanding:

Basic sanding and calibration with 60 grid sand paper.

## Moisture:

6% to 12% (at the time of delivery)

Thickness	Number of plies	Approximate volume weight	Thickness tolerance	Bending strength* (surface veneer grain orientation)	
		all beech (kg/m <sup>3</sup> )	(mm)	lengthwise	crosswise
4	3x	750 – 800	+0,2/-0,5	60,0 N/mm <sup>2</sup>	30,0 N/mm <sup>2</sup>
5	3x				
6	5x				
8	5x				
10	5x				
12	7x				
15	8x				
18	9x				

\*minimum guaranteed strength