



## DYAS multifine

is an all-beech plywood board made of many plies of rotary-cut beech veneers glued together with an adhesive. The grains of adjoining layers are at right angles to each other. Beech multifine characteristic is derived from beech attributes such as great compactness, persistence, durability, flexibility, versatility etc. For beech multifine, these properties are even enhanced owing to layering and gluing of many individual veneers.





## DYAS Multifine

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.

Beech multifine particularity is in the thickness of inner veneer plies, which are all 1,5 mm thick. This subsequently influences the final multifine properties. Owing to the larger amount of plies and gluing, multifine excels in the attributes like flexibility and persistence. For its excellent compactness and aesthetical properties, beech multifine finds its use especially in furniture making industry. A largely appreciated construction is so called Compact – where all inner and outer veneers are without open splits and holes.

## Application:

For its excellent compactness and aesthetical properties, beech multifine finds its use especially in furniture making industry, building industry, automotive industry and transportation.

## Thickness:

15, 18, 20, 25, 30, 35, 40, 50 mm

## Gluing:

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

Class of gluing 2 (A 100) - ČSN EN 314-2  
– can be used in protected exterior areas according to ČSN EN 636

Class of gluing 3 (AW 100) - ČSN EN 314-2  
– can be used in unprotected exterior areas according to ČSN EN 636

## Dimensions:

2 200 x 1 250 mm

2 500 x 1 250 mm

2 500 x 1 500 mm

2 500 x 1 800 mm - only thickness 15–30 mm

## 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<br>volume weight | Approximate<br>thickness<br>tolerance | Bending strength<br>(surface veneer grain orientation) |            |
|-----------|-----------------|------------------------------|---------------------------------------|--------------------------------------------------------|------------|
|           |                 | (kg/m3)                      | (mm)                                  | lengthwise                                             | crosswise  |
| 15        | 11x             | 780 - 800                    | +0,5/-0,5                             | 60,0 N/mm²                                             | 50,0 N/mm² |
| 18        | 13x             |                              | +0,8/-0,8                             |                                                        |            |
| 20        | 15x             |                              |                                       |                                                        |            |
| 25        | 18x             |                              | +1,0/-1,2                             |                                                        |            |
| 30        | 21x             |                              |                                       |                                                        |            |
| 35        | 25x             |                              |                                       |                                                        |            |
| 40        | 30x             |                              |                                       |                                                        |            |
| 45        | 34x             |                              |                                       |                                                        |            |
| 50        | 38x             |                              |                                       |                                                        |            |