



# BANOVA FLEX

## Light and easy-to-shape

BANOVA FLEX is a highly flexible bending plywood used for curved components. In conjunction with thin facings, small radius can be created with only one layer of BANOVA FLEX, where traditional bending plywood would require two or more layers. Besides being lightweight and environmentally compatible, BANOVA FLEX offers the possibility of using existing woodworking tools as well as established connecting and bonding techniques.

## Configurations

### Material properties

Thickness [mm]	10
Number of layers	3
Panel weight [kg/m <sup>2</sup> ]	2
Min. bending radius [mm]	80
Size [mm]	1220 x 2440
Bonding quality	Class 3 according to DIN EN 314, marine grade, water boil proof adhesive (WBP) no added formaldehyde (NAF)



1 BANOVA FLEX - easy to shape

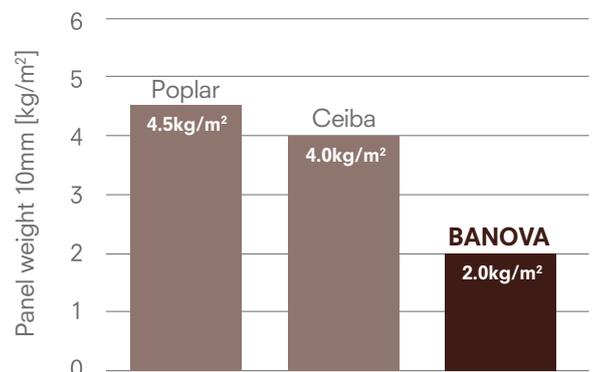
## Weight reduction

### Less means more

The use of BANOVA FLEX generates a reduction in weight of 50-60% with unvarying properties in use. This improves the benefits for customers in various ways:

- Improve efficiency due to lower operating costs and increased load capacity in vehicles
- Easy to handle in production and logistics
- Large-scale components that are low in weight

### 50-60% reduction in weight



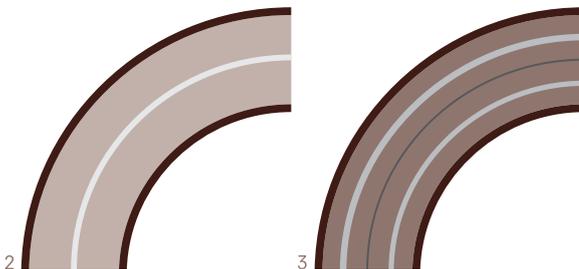


## Processing

### BANOVA is wood

As a solid wooden material, BANOVA FLEX does not require any new machines or tools and it can easily be processed by all interior outfitters and cabinetmakers. Furthermore, conventional fastening solutions can be used because BANOVA FLEX does not require any inserts or special fasteners. It is not necessary to change systems when it comes to processing and bonding techniques. Thus BANOVA FLEX offers high savings in not just weight but also costs, without any investment in processing required.

### Design of curved components



In contrast to conventional flexible plywood, BANOVA FLEX offers various notable features:

- Fewer layers needed
- Easier to process and less bonding layers
- Smooth and uniform shape with radius of 80mm

2 Design of a component with a 1-layer of BANOVA FLEX  
3 Traditional layout with several layers of bending plywood

## Applications

### What is not, can still be

Due to its high flexibility and easy processing, BANOVA FLEX is used in a variety of applications:

- Decorative furniture components
- Interior linings
- Doors and sliding walls
- Counters and cabinets
- Partitions and columns

## Sustainability

### Everyone's future

3A Composites owns and manages around 10'000 ha of FSC®-certified balsa plantations in Ecuador (Plantaciones de Balsa Plantabal S.A.). Its own cultivation from seedling to the tree ensure sustainable forest management and local manufacturing enables to provide a continuous supply of 100% FSC®-certified products to industrial customers. Ask for certified products.



The mark of responsible forestry