

## A valuable raw material which is becoming increasingly scarce

Wood: A natural product and a valuable raw material. Made into beams, boards or wood-based products in the form of chipboard or fibreboard, the building and furniture trades cannot imagine being without it. Of course, wood is not just used as a building material but also for fuel. This is leading to it becoming increasingly scarce as a raw material. Some species of trees are already being harvested faster than they can be replaced. If we want to preserve our forests for future generations then we need an alternative which is sustainable and just as natural as wood.

### A future without wood? ... for us that's unimaginable!

- more power plants means burning more and more wood
- certain species of trees are already being over exploited by about a third
- by 2020, approx. 430 million cubic metres of forest will be lost in Europe alone\*

**That's why, amongst other things, by developing BalanceBoard we are trying to ease the burden on forests as best we can!**

\* Estimate from the UN Food and Agriculture Organisation



Less weight. More nature.  
Natural strength.

**New and  
sustainable**

**BalanceBoard**

## Your advantages: Only at wodego.

### Design variety

Choose from a wide range of impressive decors, and from an assortment of core materials that meet any requirement.

### Logistics concept

The wodego stock programme has everything you need to produce the desired effect quickly. Our dedicated production programme will also fulfil your special requirements.

### Duopal

Extremely durable and permanently beautiful: with these properties, Duopal high pressure laminates (HPL) fulfil even the most demanding requirements.

### Partnership

Benefit from a service which is completely dedicated to interior design. This is what we stand for, together with every one of our dealers.



### 48-HOUR- SAMPLE SERVICE

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Your advantage: The Colour Match with

**DUROPAL**



## The lightweight link between Ecology and Economy.

Wood is valuable to us all as a raw material – now and in the future. Fortunately, you can now get BalanceBoard, a material which uses wood in a particularly economical and responsible way, because a high percentage of its content is replaced by rapidly renewable crops. These are abundant and are cultivated close to our production sites, so do not need to be transported over long distances. Not only that, but because BalanceBoard is up to 30 % lighter than conventional chipboard panels it requires less fuel for transporting the finished products. Nevertheless, BalanceBoard is just as strong and as easy to work with as comparable standard chipboard. BalanceBoard brings you many benefits:

- depending on thickness, this wood-based material is up to 30 % lighter than conventional chipboard
- conserves raw materials by using rapidly renewable plants
- weighs less so it is easier for you to handle and transport
- is as easy to process and work with as ever
- can be supplied with all of the usual types of decorative finishes
- naturally lightweight without the drawbacks that other lighter construction materials have (e.g. aluminium, polystyrene)
- available raw as BalanceBoard or melamine faced as DecoBoard Balance

Sizes:	Thickness:
5,310 x 2,100 mm	19 mm to 38 mm
2,655 x 2,100 mm	19 mm to 38 mm

Sustainability according to standard			
Flammability class:	B2 (normal combustibility)		
Emission class:	E1		
Thermal conductivity:	0.10 W/(m² K)		
Moisture content at delivery ex factory:	9 ± 3 %		
Thickness tolerance for sanded standard panels:	± 0.3 mm		
Length/width tolerance for standard panels:	± 5 mm		
Perpendicularity tolerance:	2 mm /m		
Edge straightness tolerance:	1.5 mm /m		
Bulk density in kg/m³:	500		
Properties in accordance with EN 312.P2	19 mm	25 mm	38 mm
Bending strength (EN 310) in N/mm²:	10	10	8.5
Transverse tensile strength (EN 319) in N/mm²:	0.35	0.30	0.20
Flexural modulus of elasticity (EN 310) in N/mm²:	1,600	1,500	1,200
Delamination strength (EN 311) in N/mm²:	0.8	0.8	0.8

