

## Technical Datasheet

<b>Year of issue</b>		2017	
<b>Version</b>		Version 08-2017	
<b>Product</b>		BANOVA® SUPERFLEX	
<b>Wood species</b>		Ochroma lagopus Sw. (Balsa)	
<b>Emission classification</b>	EN 717-2	E1, CARB 2 exempt NAF (no added formaldehyde)	
<b>Fire classification</b>	DIN EN 13501-1	E, d0 (Certificate: 2013 B-4676/01.1)	
<b>Thickness [mm]</b>		8	10
<b>Number of plies [pce]</b>		3	3
<b>Panel weight [kg/m<sup>2</sup>]</b>		2.0	2.5
<b>Panel density [kg/m<sup>3</sup>]</b>	EN 323	250	250
<b>Minimum bending radius [mm]</b>		40	50
<b>Natural durability</b>	DIN EN 350-2	Class 5, not durable	
<b>Treatment permeability</b>	DIN EN 350-2	Class 1, good permeability	
<b>Bonding quality</b>	EN 314	Class 3, water boil proof (WBP)	
<b>Thermal conductivity, (λ) [W/(m*K)]</b>	EN 12664	0.067	
<b>Tolerances</b>			
Thickness tolerance total [mm]	EN 324	7.6 - 8.4	9.6 - 10.4
Thickness tolerance within panel [mm]	EN 324	+/- 0.3	+/- 0.3
Length tolerance [mm]	EN 315 / EN 324	+/-3.5	
Width tolerance [mm]	EN 315 / EN 324	+/-3.5	
Squareness against right angle [mm/m]	EN 315 / EN 324	1	
Straightness of edges [mm/m]	EN 315 / EN 324	1	
Density tolerance of full panels [kg/m <sup>3</sup> ]		+/-40	
Moisture content ex works [%]	DIN EN 322	6-12%	

The data provided gives approximate values for the nominal density. Due to density variations these values can be lower than indicated above. Minimum values to calculate sandwich constructions can be provided upon request. The information contained herein is believed to be correct and to correspond to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information. No statement is intended or should be construed as a recommendation to infringe any existing patent.