



### 3. BLOCKBOARD

A standard blockboard is a panel with a **solid wood core**, which may then be glued and overlaid with a cross grain rotary veneer or with chipboard or MDF. We generally use pine for the core, but can on request also deliver blockboards with a poplar core.

The specific product structure used for blockboards means that the finished product may be labelled as 'solid wood'. It takes screws almost as well as **solid wood**, and other working parameters are as good.

**Technical characteristics of blockboards**  
(average target values for the panels)

Specifications	Standard	Unit	BLOCKBOARD	BLOCKBOARD MDF
Density	EN 323	kg/m <sup>3</sup>	450 - 500	620
Modulus of elasticity long	EN 310	N/mm <sup>2</sup>	1700	2300
Modulus of elasticity cross	EN 310	N/mm <sup>2</sup>	6000	4800
Bending strength long	EN 310	N/mm <sup>2</sup>	20	15
Bending strength cross	EN 310	N/mm <sup>2</sup>	45	37
Formaldehyde emission	EN 120		E1	E1
Thickness tolerance	EN 324-1	mm	± 0,4	± 0,4
Length and width tolerance	EN 324	mm	± 5	± 5
Fire safety category	EN 13501	mm	D	D

Table for veneered blockboards

Final thickness	16 mm	19 mm	22 mm	25 mm	28 mm	39 mm
2150 x 1240 mm		○				
2500 x 1240 mm	○	○	○	○	○	
2800 x 2070 mm		○				
3050 x 1530 mm		○				
2500 x 1240 mm		○				○
2800 x 2070 mm	○	○	○			
3050 x 1530 mm	○	○	○			

- Blockboard
- Blockboard MDF

- Size tolerance:  
L ± 5 mm, W ± 5 mm,  
thickness ± 0,4 mm
- Other dimensions  
available on request.
- Panels can be cut to size.