

The Lights

Moralt Lightwood Boards – The latest materials made from solid wood for the perfect combination of thicker and thinner designer elements in furniture making and interior finishing. Lightness and stability can be perfectly combined with easy fixing and easy processing.

Moralt Lightwood Laminboard. With a core of Ceiba, this board is the light alternative to the classic Moralt laminboard. With a 25% weight-saving and the unique dovetail veneer core configuration, it is extremely well suited to premium niche requirements – as much for the manufacture of higher value furniture or musical instruments, as for use in the interior finishing of boats and ships.

Moralt Lightwood Blockboard. Also with a core of Ceiba (edge-glued battens), this board is the light alternative to the classic Moralt blockboard. Saving about a quarter of the weight, it is ideal for exhibition stands and stage building.

Moralt Lamin Balsa Sandwich Board. The core of end grain balsa wood guarantees high compressive strength at very low weight. Flexible options for surface design, with a choice of thin MDF or veneer facing. This board is a pleasure to work with: extreme freedom for shape and form thanks to its solid core; straightforward edge processing without framing or reinforcements in a conventional way and without having to consider special tools.

Moralt Lamin Balsa Sandwich Board. Ideal for large yet lightweight sliding doors, for example, room dividers or table tops. The balsa core is sandwiched between two laminboard layers to produce a board of excellent dimensional stability and high rigidity. With multifunctional MDF facing suitable for painting or veneering.

THE MORALT SHEET MATERIALS BROCHURE – ORDER IT NOW!



Appropriate for joineries, distribution or industry: a wide choice of the very best materials.

Substrate materials made to the highest standard, suitable for the widest spectrum of creative ideas and designs.

- The Classics
- The Specialists
- The Lights
- The flame retardant
- The Decoratives
- The Beauties

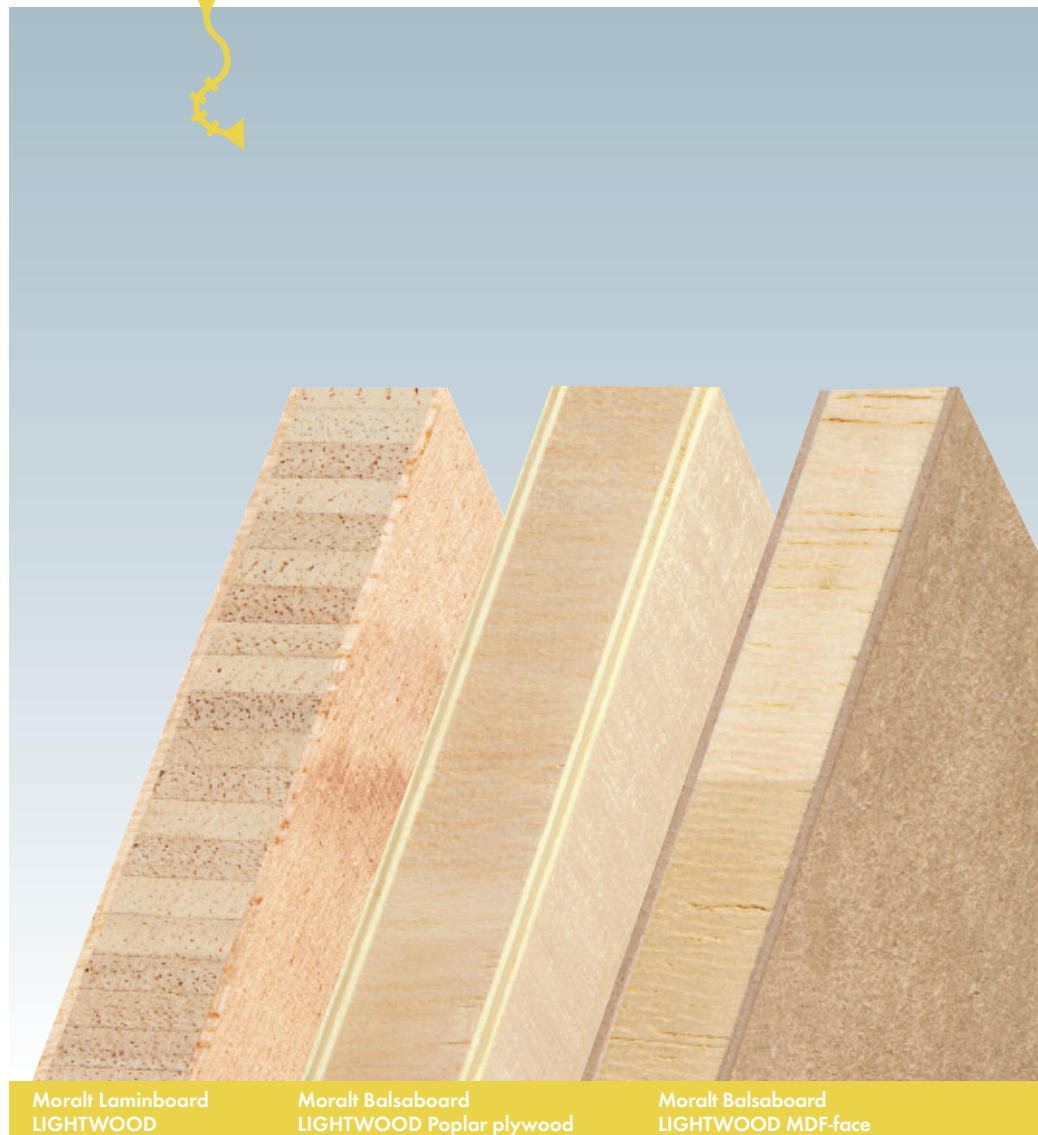
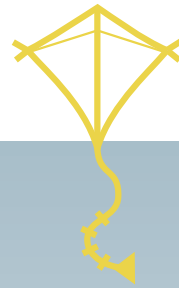
For a PDF download version, please go to:
www.moralt-tischlerplatten.co.uk

INDIVIDUALITY AND PERFORMANCE. THE SURE WAY TO SUCCESS.



The Lights

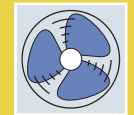
THE LIGHTS – FOR DIFFICULT JOBS AND EASY PROCESSING.



Moralt Laminboard
LIGHTWOOD

Moralt Balsaboard
LIGHTWOOD Poplar plywood

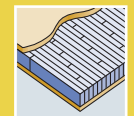
Moralt Balsaboard
LIGHTWOOD MDF-face



Well matured



A light weight - sturdy characteristics



Exclusive to Moralt Single batten dovetail core construction



Permanent quality controls



Door Design by KTM, Bocholt,
www.ktmbocholt.de

DELIVERY PROGRAMME

MORALT LAMINBOARD LIGHTWOOD*										
Length x Width in mm	Thicknesses in mm									
Gaboon or similar	13	16	19	22	25	28	32	38		
2.070 x 5.200/2.600	■	●	●	■	■	■	■	■		
HDF-face 2,2 mm	13	16	19	22	25	28	32	38		
2.070 x 5.200/2.600	■	■	■	■	■	■	■	■		

MORALT BLOCKBOARD LIGHTWOOD*										
Length x Width in mm	Thicknesses in mm									
Gaboon or similar	13	16	19	22	25					
2.070 x 5.200/2.600	●	●	●	●	●					
HDF-face 2,2 mm	13	16	19	22	25					
2.070 x 5.200/2.600	■	■	■	■	■					
Chipboard-face			16	19	22	25	28			
2.070 x 5.200/2.600		■	■	■	■	■				

MORALT BALSABOARD LIGHTWOOD**											
Length x Width in mm	Thicknesses in mm										
Poplar plywood		16	19	22	25	28	32	38	50	60	98
1.220 x 2.440		●	●	■	■	■	■	●	■	■	■
1.830 x 3.100		■	■	■	■	■	■	■	■		
MDF-face			16	19	22	25	28	32	38	50	60
2.070 x 5.200/2.600		●	●	●	●	■	■	●	■	■	
Chipboard-face			16	19	22	25	28	32	38	50	60
2.070 x 5.200/2.600		■	●	■	■	■	■	■	■	■	

MORALT SANDWICHBOARD LAMIN-BALSA										
Length x Width in mm	Thicknesses in mm									
Gaboon or similar								38	50	55
2.070 x 5.200/2.600								■	■	■
MDF-face								38	50	55
2.070 x 5.200/2.600								●	●	■

- * Core made of Ceiba or Albasia
- ** due to the higher degree of swelling and shrinkage in the surface of the board the wood may warp in large-size boards.
- Just in time
- Please ask for the delivery-time and minimum purchasing quantities

IF (internal) adhesive acc.to DIN 68705-2, part 2
 Further faces, thicknesses, dimensions available on request
 Packaging: loose
 AW adhesive available on request

TOLERANCES

DIN 68705, part 2
6.1 Dimensions and Deviations
Thickness (sanded): + 0,2/- 0,6 mm
Length and width: +/- 5 mm
Squareness: 2 mm/m
Edge straightness: 1,5 mm/m
Thickness tolerances: t/60 (t = thickness in mm)

TECHNICAL DATA

MORALT LAMINBOARD LIGHTWOOD				
	Thicknesses in mm			
Gaboon or similar	16	19	22	38
Density in kg/m ³		330		
E-module lengthwise in N/mm ²		3.050		
E-module crosswise in N/mm ²		2.500		
Bending strength lengthwise in N/mm ²		26		
Bending strength crosswise in N/mm ²		25		
HDF-face 2,2 mm	16	19	22	38
Density in kg/m ³		415		
E-module lengthwise in N/mm ²		3.200		
E-module crosswise in N/mm ²		2.200		
Bending strength lengthwise in N/mm ²		29		
Bending strength crosswise in N/mm ²		17		

Tested crosswise or lengthwise to the core

MORALT BLOCKBOARD LIGHTWOOD				
	Thicknesses in mm			
Gaboon or similar	16	19	22	38
Density in kg/m ³		330		
E-module lengthwise in N/mm ²		2.000		
E-module crosswise in N/mm ²		2.100		
Bending strength lengthwise in N/mm ²		17		
Bending strength crosswise in N/mm ²		16		
HDF-face 2,2 mm	16	19	22	38
Density in kg/m ³		410		
E-module lengthwise in N/mm ²		2.300		
E-module crosswise in N/mm ²		2.100		
Bending strength lengthwise in N/mm ²		17		
Bending strength crosswise in N/mm ²		16		

Tested crosswise or lengthwise to the core

MORALT BALSABOARD LIGHTWOOD					
	Thicknesses in mm				
Poplar plywood	16	19	22	38	50
Density in kg/m ³		240		200	190
E-module lengthwise in N/mm ²		2.600		2.000	1.600
E-module crosswise in N/mm ²		1.850		1.450	1.000
Bending strength lengthwise in N/mm ²		22		14	11
Bending strength crosswise in N/mm ²		16		12	8
MDF-face	16	19	22	38	50
Rohdichte in kg/m ³		360		255	225
E-module in N/mm ²		2.550		1.850	1.450
Bending strength in N/mm ²		17		11	9

Tested crosswise or lengthwise to the grain direction of the face layer

MORALT SANDWICHBOARD LAMIN-BALSA				
	Thicknesses in mm			
Gaboon or similar			38	50
Density in kg/m ³			365	300
E-module lengthwise in N/mm ²			9.000	6.950
E-module crosswise in N/mm ²			950	1.150
Bending strength lengthwise in N/mm ²			56	40
Bending strength crosswise in N/mm ²			7	8
MDF-face			38	50
Density in kg/m ³			425	350
E-module lengthwise in N/mm ²			8.250	6.800
E-module crosswise in N/mm ²			1.450	1.900
Bending strength lengthwise in N/mm ²			55	41
Bending strength crosswise in N/mm ²			9	12

Tested crosswise or lengthwise to the lamincore

Elasto-mechanical properties are tested according to EN 310, bulk densities according to EN 323. The values are subject to the naturally varying properties of wood.

Further technical values available on request.

Moralt Tischlerplatten GmbH & Co. KG
 Lenggrieser Straße 52
 83646 Bad Tölz
 Phone: +49 8041 508-0
 Fax: +49 8041 508-218
 werk.badtoelz@moralt-tischlerplatten.de

Moralt Stockist