

Moralt Block- and Laminboards: the classic joinery products are enjoying a comeback, and quite rightly so. Such lightness and rigidity will always find new applications in furniture design. Select native woods for the core layers and the latest production methods guarantee products that deliver what we promise.

Moralt Laminboard. Pure wood at its best. Excellent natural properties reinforced by our engineering know-how and exclusive production create this incomparable “engineered wood”: dimensionally stable, very rigid and will not warp.

Its particular appeal is the surface stability brought about by the core of veneer strips with vertical annual rings. Also unique is the individual dovetail configuration that achieves the greatest strengths with an interlocking of the 4 mm wide veneer strips.

Moralt Laminboard is the perfect basis for materials requiring high-quality veneer or paint coating finishes for the production of exclusive furniture, shop fit-outs, interior decoration, office furnishings, wall claddings, vehicle manufacture, boat finishing, concrete formwork and theatre and scenery construction.

Moralt Blockboard. Proven construction in technical perfection. The core: 30 mm wide, tightly glued wood battens. Solid wood refined with modern facing for all kinds of applications. With outstanding processing properties, this is a true classic.

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 got to:
www.moralt-tischlerplatten.co.uk

The Classics

THE CLASSICS –
VALUE FOR GENERATIONS.



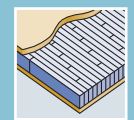
Moralt Laminboard Gaboon or similar Moralt Blockboard Gaboon or similar Moralt Blockboard HDF-face 2,2 mm



Well matured



Ecological



Exclusive to Moralt! Single batten dovetail core construction



Permanent quality controls



Door Design by KTM, Bocholt
www.ktmbocholt.de



DELIVERY PROGRAMME

MORALT LAMINBOARD													
Length x Width in mm	Thicknesses in mm												
Gaboon or similar	13	16	19	22	25	28	30	38	40	42	44	50	55
2.070 x 5.200/2.600	●	●	●	●	●	●	●	●	●	●	■	■	■
1.840 x 5.200/2.600		■	■	■	■	■	■	■	■	■	■	■	■
MDF-face	16	19	22	25	28	30	38	40	42	44	50	55	
2.070 x 5.200/2.600		■	■	■	■	■	■	■	■	■	■	■	■
HDF-face 2,2 mm	16	19	22	25	28	30	38	40	42	44	50	55	
2.070 x 5.200/2.600		●	●	●	■	■	■	■	■	■	■	■	■
Chipboard-face	16	19	22	25	28	30	38	40	42	44	50	55	
2.070 x 5.200/2.600		●	●	●	■	■	■	■	■	■	■	■	■

MORALT BLOCKBOARD													
Length x Width in mm	Thicknesses in mm												
Gaboon or similar	10	13	16	19	22	25	28	30	38	40			
2.070 x 5.200/2.600	●	●	●	●	●	●	●	●	●	■			
1.840 x 5.200/2.600		■	●	●	●	■	■	■	■	■			
2.070 x 3.600		■	●	●	■	■	■	■	■	■			
1.220 x 2.440		■	●	●	●	■	■	■	■	■			
1.300 x 4.100		■	■	■	■	■	■	■	■	■			
MDF-face	13	16	19	22	25	28	30	38	40				
2.070 x 5.200/2.600		■	●	●	●	●	■	●	■				
HDF-face 2,2 mm	13	16	19	22	25	28	30	38	40				
2.070 x 5.200/2.600		■	●	●	●	■	■	■	■				
Chipboard-face	13	16	19	22	25	28	30	38	40				
2.070 x 5.200/2.600		■	●	●	●	●	●	●	■				
1.300 x 4.100		■	■	■	■	■	■	■	■				
Beech (SF*) II/III	13	16	19	22	25	28	30	38					
2.070 x 5.200/2.600		■	■	■	■	■	■	■	■				
Poplar (SF*) II/III	13	16	19	22	25	28	30	38					
2.070 x 5.200/2.600		●	●	●	●	■	■	■	■				

MORALT LAMINCORE DOOR BLANK															
Length x Width in mm	Thicknesses in mm														
Gaboon or similar										38	40	42	44	50	55
1.030 x 2.150										●	●	●	●	●	●
1.030 x 4.300										●	●	●	■	■	■
2.070 x 4.300										●	●	●	■	■	■

IF (internal) adhesive defined by DIN 68705, part 2
 ● Just in time ■ Please ask for delivery-time and minimum purchasing quantities
 further faces, thicknesses, dimensions and cuts available on request
 Packaging: loose
 * SF=peeled veneer

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)

Blockboards - a living material
 Blockboards and laminboards are made entirely of solid wood. Even after processing, the wood adapts to the ambient climate. This is natural part of blockboards and cannot be ascribed to defects in the timber or production faults. Please bear this basic property of wood in mind, (known as anisotropy) when planning your projects. Where changing climatic conditions are relevant, we would recommend the use of Moralt Laminboards over our Blockboards.

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. For boards with a veneer face the fluctuation of the bulk density of the components is higher than the respective impact of the thickness, therefore a uniform density is indicated. Further technical values available on request.

TECHNICAL DATA

MORALT LAMINBOARD					
	Thicknesses in mm				
Gaboon or similar	16	19	22	28	38
Density in kg/m ³	450	450	450	450	450
E-module lengthwise in N/mm ²	5.000	5.500	6.000	7.500	8.000
E-module crosswise in N/mm ²	2.300	1.850	1.650	1.500	1.000
Bending strength lengthwise in N/mm ²	42	44	47	53	55
Bending strength crosswise in N/mm ²	18	14	13	12	6
Ilomba or similar	16	19	22	28	38
Density in kg/m ³		470			470
E-module lengthwise in N/mm ²		6.500			8.000
E-module crosswise in N/mm ²		3.000			1.740
Bending strength lengthwise in N/mm ²		50			51
Bending strength crosswise in N/mm ²		23			13
MDF-face	16	19	22	28	38
Density in kg/m ³	590	595	585	575	570
E-module lengthwise in N/mm ²	6.200	6.500	6.700	6.200	5.600
E-module crosswise in N/mm ²	2.300	2.300	2.300	2.200	2.100
Bending strength lengthwise in N/mm ²	52	52	52	51	50
Bending strength crosswise in N/mm ²	19	19	19	19	19
HDF-face 2,2 mm	16	19	22	28	38
Density in kg/m ³	550	550	545		
E-module lengthwise in N/mm ²	6.300	6.600	6.800		
E-module crosswise in N/mm ²	2.100	2.000	1.900		
Bending strength lengthwise in N/mm ²	52	52	52		
Bending strength crosswise in N/mm ²	16	16	15		
Chipboard-face	16	19	22	28	38
Density in kg/m ³	565	565	565	565	550
E-module lengthwise in N/mm ²	5.200	5.200	5.200	5.400	5.500
E-module crosswise in N/mm ²	2.200	2.200	2.200	1.900	1.800
Bending strength lengthwise in N/mm ²	38	38	38	38	36
Bending strength crosswise in N/mm ²	12	12	12	12	11

MORALT BLOCKBOARD						
	Thicknesses in mm					
Gaboon or similar	16	19	22	28	38	
Density in kg/m ³	450	450	450	450	450	
E-module lengthwise in N/mm ²	4.900	5.400	5.900	6.100	6.300	
E-module crosswise in N/mm ²	2.400	2.200	2.000	1.700	1.400	
Bending strength lengthwise in N/mm ²	39	41	44	50	52	
Bending strength crosswise in N/mm ²	19	15	14	13	7	
Ilomba or similar	10	16	19	22	28	38
Density in kg/m ³	460		460			460
E-module lengthwise in N/mm ²	6.000		6.200			7.200
E-module crosswise in N/mm ²	4.000		3.800			1.710
Bending strength lengthwise in N/mm ²	40		40			51
Bending strength crosswise in N/mm ²	38		28			9
MDF-face	16	19	22	28	38	
Density in kg/m ³	590	595	585	570	565	
E-module lengthwise in N/mm ²	6.000	6.300	6.500	6.700	5.500	
E-module crosswise in N/mm ²	2.400	2.400	2.400	2.400	2.200	
Bending strength lengthwise in N/mm ²	50	50	50	50	48	
Bending strength crosswise in N/mm ²	20	20	20	20	20	
HDF-face 2,2 mm	16	19	22	28	38	
Density in kg/m ³	545	545	540			
E-module lengthwise in N/mm ²	6.100	6.400	6.700			
E-module crosswise in N/mm ²	2.100	2.000	1.900			
Bending strength lengthwise in N/mm ²	52	51	51			
Bending strength crosswise in N/mm ²	17	17	16			
Chipboard-face	16	19	22	28	38	
Density in kg/m ³	560	560	560	560	560	
E-module lengthwise in N/mm ²	5.000	5.000	5.000	5.200	5.300	
E-module crosswise in N/mm ²	2.500	2.500	2.500	2.200	2.100	
Bending strength lengthwise in N/mm ²	37	37	37	37	35	
Bending strength crosswise in N/mm ²	13	13	13	13	12	
Beech (SF*) II/III	16	19	22	28	38	
Density in kg/m ³		495			500	
E-module lengthwise in N/mm ²		6.500			9.900	
E-module crosswise in N/mm ²		4.000			3.250	
Bending strength lengthwise in N/mm ²		47			57	
Bending strength crosswise in N/mm ²		31			22	
Poplar (SF*) II/III	16	19	22	28	38	
Density in kg/m ³		470			475	
E-module lengthwise in N/mm ²		5.600			8.500	
E-module crosswise in N/mm ²		3.100			2.100	
Bending strength lengthwise in N/mm ²		46			51	
Bending strength crosswise in N/mm ²		23			13	

Tested lengthwise or crosswise to the core

All of the above details are correct at the time of going to print and do not reflect any product assurances. Purchasers of our products must be aware of their own responsibilities for as existing laws and appropriate regulations are concerned. Errors and technical amendments are excepted. All details set out in this brochure are exclusive to the products of Moralt Tischlerplatten GmbH & Co. KG.

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