

Kaindl REALwood veneer board Charismo

Technical Data Sheet

FUC 10/010-04

Areas of use / Application

Numerous applications for non load-bearing purposes in dry areas for interior decoration

Construction

wooden veneer
substrate
wooden veneer



Size

Chipboard P2:
2800 x 2070 x 8/15/18/mm

Blockboard:
2800 x 2070 x 18mm

MDF board:
2800 x 2070 x 16/18mm

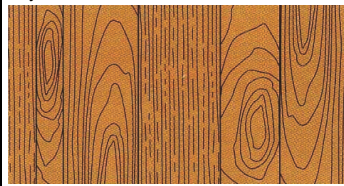
Birch Plywood:
2500 x 1250 x 18mm

Different substrates and thicknesses on demand.

Quality description

	wooden veneer
Quality E/EB*	"Elegant": Created from numerous quarters and half crowns in small sections with only small distinctive wood characteristics (e.g. little or no flake)
Quality N/NB*	"Nature Mix": Created from all quarters and crown-cut patterns, including flake and other specific features of wood
Quality S/SB*	"Structure": Created from numerous crown-cut patterns in small sequences, interspersed with half crowns
* Front and reverse side of the same board may differ from each other in structure, features of wood, veneer sheet sequence and wood colour.	

Surface

	wooden veneer	
Characteristics	<p>Only available in Mismatch character</p>  <p>By mixing the 4 to 8 veneer sheets sequence in the Mismatch character, lively play of colours possible.</p>	<p>4 to 8 different veneer sheets in a sequence (depending on type of wood)</p>
Surface Attributes	The surfaces of the veneered boards are delivered surface sanded (K 100/120) after production.	
Veneer Groove Glue	All veneer sheets are glued to assure an excellent joint quality.	
Veneer Glue	C2: Interior humidity resistant	Ö-Norm EN 12765
See Kaindl factsheets for descriptions of individual wood species.		

Tolerances

	unit	classification acc. to EN 14322			test method
		thickness range <mm>			
		< 15	≥ 15 - 20	> 20	
length- and width tolerance: - standard size - cut sizes	mm mm		+/- 5 +/- 2,5		EN 324-1
distortion:	mm/m		≤ 2 (only for balanced assembling of the surface)		EN 14323
edge disruption: - standard size - cut sizes	mm/m mm/m		≤ 10 ≤ 3		EN 14323

Properties chipboard P2 E1/CA

	unit	classification acc. to EN 312			test method
		Thicknesses <mm>			
		>6to13	>13to20	>32to40	
density:	kg/m ³	raw chipboard ≥ 600kg /m ³ *			
bending strength:	N/mm ²	11	11	8,5	EN 310
bending elasticity module:	N/mm ²	1800	1600	1200	EN 310
cross tensile strength:	N/mm ²	0,4	0,35	0,2	EN 319
surface soundness:	N/mm ²	0,8	0,8	0,8	EN 311
formaldehyde release:		E1			EN 16516 ¹⁾
		Requirements fulfilled			CARB / EPA TSCA Title VI ²⁾
board moisture content at despatch:		5 - 13 %			EN 322
pentachlorophenol:		< 0,5 ppm			ChemVerbotsVO
bonding:		free of chloride			
wood species:		mainly conifers, oak/beech < 5% pre and post consumer wood			
manufacturing process:		System ContiRoll			

¹⁾ Determination according to German Chemikalienverbotsverordnung according to procedure published in Bundesanzeiger on 26.11.2018; Annex 1. Valid as of 1.1.2020.

²⁾ Meets testing and monitoring requirements acc. to Airborne Toxic Control Measure (ATCM) to Reduce Formaldehyde Emission from Composite Wood Products -§ 93120 - 93120.12, title 17, California Code of Regulations - by the California Air Resources Board (CARB), as well as US EPA TSCA Title VI - 40 CFR Part 770 - Formaldehyde Emission Standards for Composite Wood Products.

* except 38mm

Properties MDF E1 board

	unit	classification acc. to EN 622-5 MDF			test method
		thickness range <mm>			
		>12 - 19			
density:	kg/m ³	at factory specification			
bending strength:	N/mm ²	20			EN 310
bending elasticity module:	N/mm ²	2200			EN 310
cross tensile strength:	N/mm ²	0,55			EN 319
expansion thickness 24h:	%	12			EN 317
formaldehyde release:		E1			EN 16516 ¹⁾
		Requirements fulfilled			CARB / EPA TSCA Title ²⁾
board moisture content at despatch:		4 - 11 %			EN 322
bonding:		free of chloride			
wood species:		mainly conifers			
manufacturing process:		System ContiRoll			

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Storage tips

Kaindl REALwood veneer board Charismo should always be stored flat, level and completely covered.
Kaindl REALwood veneer board Charismo should be covered for protection against ultraviolet light (sunlight).
The air temperature in the storage room should be at 18-22°C, the relative air humidity at 50 to 65%.
See also Standard CEN/TS 12872:2007.
Kaindl REALwood veneer board Charismo should be processed quickly to avoid colour-changes etc through prolonged storage.

Further processing

Kaindl REALwood veneer board Charismo can be processed with common wood working machines.

Kaindl REALwood veneer board Charismo is delivered with a surface sanding (K 100/120) after production.

Before processing any further surface treatment (varnishing, staining etc.) please remove all residues such as glue, fat, oil, etc. with a final sanding of the surface.

In every case a colour or reference sample has to be made before a further surface treatment like varnishing, staining, oiling etc. to avoid any surface mistakes.

Surface treatments must always be carried out equally on both sides.

In the case of non-observance, no supplementary claims under warranty can be accepted.

Recommended use

Slight undulations in the surface of STAB 5-ply block-board do not represent quality defects. They are caused by differences in the position of the annual rings on solid wood strips and are a natural property of solid wood. Due to the undulations in STAB 5-ply block-board we recommend the use of chipboard P2E1/CA or MDF E1/CA core-boards in visually crucial areas (e.g. fronts, table tops, etc...).

STAB 5-ply block-board is recommended for use in constructional areas (e.g. cabinet construction, etc.).

The ideal room climate is at around 18-22°C and 50-65% relative air humidity.

If you have any further questions please connect your salesperson or see www.kaindl.com

The recommendations and information given in this Product Sheet are to the best of our knowledge in keeping with the present state of the art.

However, they are intended purely for information purposes and as noncommittal guide-lines. As such they cannot constitute grounds for any claim under warranty.