

KAINDL Chipboard P2CA

Chipboards in acc. with EPA TSCA Title VI and CARB

Technical Data Sheet

SP2 05/18-01

Areas of use / Application

Numerous applications for non load-bearing purposes in dry areas for the interior decoration.
As substrate as well as laminate (CPL), real wood veneer etc (classification acc. to EN 312).

Construction



Size

length: 2800 and 5600 mm
thickness: 8, 10, 12, 13, 16, 19, 22, 24, 25, 28 and 38mm
width: 2070 mm

Properties

	formaldehyde release	test method
formaldehyde release:	< 0,09ppm CARB Phase 2 / EPA TSCA Title VI	ASTM D 6007 ASTM E 1333

CARB Phase 2: The California Air Resources Board (CARB) regulation requires in the "Final Regulation Order Airborne Toxic Control Measure to Reduce Formaldehyde Emissions from Composite Wood Products" (California Code of Regulations 93120, Phase 2) a limit value of 0.09ppm formaldehyde measured according to the chamber test method ASTM E 1333.

EPA TSCA Title VI: The US Environmental Protection Agency (EPA) regulation "Formaldehyde Emission Standards for Composite Wood Products, Title VI to the Toxic Substances Control Act (TSCA) requires a limit value of 0.09ppm formaldehyde measured according to the ASTM E 1333 chamber test method.

	classification acc. to EN 312	test method
board moisture content at despatch:	5 - 13 %	EN 322
pentachlorophenol:	< 0,5 ppm	
bonding:	free of chloride	
wood species:	mainly conifers, oak/beech < 5%	
manufacturing process:	System ContiRoll	

Tolerances

	unit	gen. requirements acc. to EN 312	test method
density limit-deviation within a board - average value:	%	+/- 10	EN 323
thickness tolerance, sanded board:	mm	+/- 0,3	EN 324-1
tolerance length and width:	mm	+/- 5	EN 324-1
edge-straightness tolerance:	mm/m	1,5	EN 324-2
rectangularity tolerance:	mm/m	2	EN 324-2

Average values

	unit	classification acc. to EN 312					test method
		Thicknesses <mm>					
		<6to13	<13to20	<20to25	<25to32	<32to40	
density:	kg/m ³	at factory specification					
bending strength:	N/mm ²	11	11	10,5	9,5	8,5	EN 310
bending elasticity module:	N/mm ²	1800	1600	1500	1350	1200	EN 310
cross tensile strength:	N/mm ²	0,4	0,35	0,3	0,25	0,2	EN 319
surface soundness:	N/mm ²	0,8	0,8	0,8	0,8	0,8	EN 311

Building physical properties

	unit	classification acc. to EN 13986	test method
Reaction to fire: Board density > 600kg/m ³ Board thickness > 9mm		D-s2,d0 *	EN 13501
Biological durability	class	use class 1 (indoor, dry (20°C/65% RH))	EN 335
Content of pentachlorophenol	ppm	< 5	CEN/TR 14823

* end use conditions see technical data sheet

Storage tips

Kaindl Chipboard P2CA should always be stored flat, level and completely covered.
The air temperature in storage room should be at 18-22°C, the relative air humidity at 50 to 60%.
See also Standard prCEN/TS 12872:2006

Further Processing

Kaindl Chipboard P2CA can be processed by common wood working machines.
Kaindl Chipboard P2CA should always be calibrated before coating the surface

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.