

# KAINDL Decor Chipboard P2 F\*\*\*\*

## Technical Data Sheet

DSP2SE0 01/20-08

### Areas of use / Application

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

### Construction

decorative paper  
chipboard P2 F\*\*\*\*  
decorative paper



### Standard size

standard size: 2800 x 2070 mm; 5600 x 2070 mm  
thickness range: 8 - 38 mm

### Properties

	unit	classification acc. to EN 312					test method
		Thicknesses <mm>					
		>6to13	>13to20	>20to25	>25to32	>32to40	
density:	kg/m <sup>3</sup>	raw chipboard ≥ 600kg /m <sup>3</sup> *					
bending strength:	N/mm <sup>2</sup>	11	11	10,5	9,5	8,5	EN 310
bending elasticity module:	N/mm <sup>2</sup>	1800	1600	1500	1350	1200	EN 310
cross tensile strength:	N/mm <sup>2</sup>	0,4	0,35	0,3	0,25	0,2	EN 319
surface soundness:	N/mm <sup>2</sup>	0,8	0,8	0,8	0,8	0,8	EN 311
formaldehyde release (HCHO):		E1 F**** (E0)*					EN 16516 <sup>1)</sup> JIS A 1460
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.

\* regarding japanese specification F\*\*\*\* ≤ 0,3mg/L formaldehyde

\* except 38mm

## Tolerances

	unit	classification acc. to EN 14322			test method
		thickness range <mm>			
		< 15	≥ 15 - 20	> 20	EN 14323
thickness tolerance (based on finished size)*					
standard setup or abrasion class 1:	mm	+/- 0,3			
multiple setup or abrasion class 3A; 3B:	mm	+ 0,5/- 0,3			+/- 0,5
length- and width tolerance: - standard size - cut sizes	mm	+/- 5 +/- 2,5			EN 14323
distortion:	mm/m	≤ 2 (only for balanced assembling of the surface)			EN 14323
edge disruption: - standard size - cut sizes	mm/m	≤ 10 ≤ 3			EN 14323

## Surface properties

	unit	classification acc. to EN 14322			test method	
scratch resistance:	N	> 1,5			EN 14323	
surface imperfections:	mm <sup>2</sup> /m <sup>2</sup> mm/m	punctiform imperfection < 2 prolate imperfection < 20			EN 14323 EN 14323	
resistance to stains:	group	≥ 3			EN 14323	
cracking risk:	group	≥ 3			EN 14323	
resistance to steam:	grade	4 = moderate change of gloss level and/or colour			EN 14323	
light fastness (xenon arc):	group	> 6			EN 14323	
resistance to surface wear:			Print Decor without overlay: Wood, Fantasy and Metallic	Print Decor with overlay, Uni Decor 70-110g	Uni Decor ≥ 120g	EN 14323
	class	1	3A	3B		
	IP rotations	< 50	>150	≥250		

## Reaction to fire classification

decor chipboard	substrate chipboard	minimum thickness	classification acc. to EG decision (2007/348/EG)*	
			end use condition	class
KAINDL Decor Chipboard P2 F****	raw density ≥ 600kg/m <sup>3</sup>	9mm	without an air gap between the wood-based panel	D-s2, d0
		9mm	with a closed or a open air gap not more than 22mm behind the wood-based panel	D-s2, d2
		15mm	with a closed air gap behind the wood based panel	D-s2, d0
		18mm	with an open air gap behind the wood based panel	D-s2, d0
		3mm	any	E

\*further information can be found in the Official Journal of the European Union and the Kaindl Info Sheet No. 9

## Storage tips

Kaindl Decor Chipboards P2 F\*\*\*\* 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 prEN/TS 12872:2006

## Cleaning and care

Kaindl Decor Chipboards P2 F\*\*\*\* are very hygienic and easy to clean.

All domestic cleaning agents can be used for cleaning Kaindl Decor Chipboards P2 F\*\*\*\*. Do not use scouring agents.

For daily care it is only necessary to clean Kaindl decor plates with a damp cloth. Handle in the same way as conventional wooden boards.

Sanding, sealing or polishing the surface are not necessary because of the special surface of Kaindl Decor Chipboards P2 F\*\*\*\*.

Stubborn stains such as paint, adhesive, nail polish or oil can be cleaned off with acetone, vinegar concentrate, nail polish remover

and universal thinner. In either case please use those agents sparingly, carefully and only in polluted areas.

Those agents must not stay on the surface for any length of time.

Cutting with knives directly on Kaindl Decor Chipboards P2 F\*\*\*\* will lead to scratches on the surface.

Always use a kind of underlay or protective mat.

Wipe off moisture around seams.

When using any kind of computer mouse - a mouse mat must always be used!

## Further processing

Kaindl Decor Chipboards P2 F\*\*\*\* can be processed by common wood working machines.

Before processing Kaindl Decor Chipboards P2 E0 please inspect for any visible damages.

To receive a proper cut quality various measures like e.g. feed rate, pitch and geometry of the saw tooth, chip room of the saw blade, excess of the saw blade etc.

If you have any further questions please connect your salesperson or see [www.kaindl.com](http://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.