

KAINDL Decor Chipboard P3 F****/Option 1

Technical Data Sheet

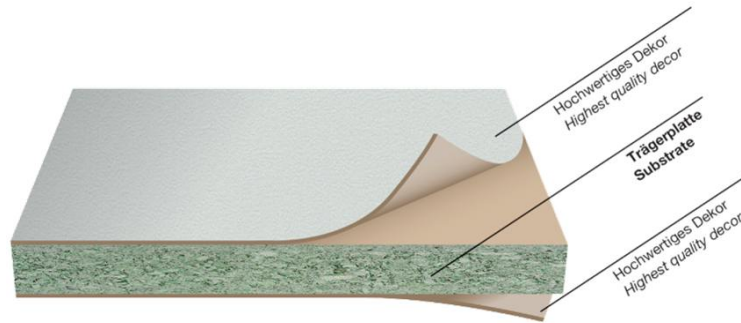
DSP3 01/20-08

Areas of use / Application

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

Construction

decorative paper
chipboard P3 F****/Option 1
decorative paper



Standard size

standard size: 2800 x 2070 mm; 5600 x 2070 mm
thickness range: 8 - 25 mm

Properties

	unit	classification acc. to EN 312		test method
		Thicknesses <mm>		
		>13to20	>20to25	
density:	kg/m ³	raw chipboard ≥ 600kg /m ³		
bending strength:	N/mm ²	14	12	EN 310
bending elasticity module:	N/mm ²	1950	1850	EN 310
cross tensile strength:	N/mm ²	0,45	0,40	EN 319
thickness swelling 24 h:	%	14	13	EN 317
Internal bond after cyclic test:	N/mm ²	0,13	0,12	EN 321
thickness swelling 24 h after cyclic test:	%	13	12	EN 321
formaldehyde release:		E1 F**** (E0)*		EN 16516 ¹⁾ 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 Chemikalienverbotverordnung 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

Tolerances

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

* Finished size: Thickness of the finished product; raw board including coated top and bottom.

Surface properties

	unit	classification acc. to EN 14322			test method	
scratch resistance:	N	> 1,5			EN 14323	
surface imperfections:	mm ² /m ² 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 P3 F**** /Option1	density ≥ 600kg/m ³	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 P3 F****/Option 1 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

Cleaning and care

Kaindl Decor Chipboards P3 F****/Option1 are very hygienic and easy to clean.

All domestic cleaning agents can be used for cleaning Kaindl Decor Chipboards P3 F****/Option1. Do not use scouring agents. For daily care it is only necessary to clean Kaindl Decor Chipboards P3 F****/Option1 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 plates. Stubborn stains such as paint, adhesive, nail polish or oil can be cleaned off with. 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 P3 F****/Option1 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 P3 F****/Option1 can be processed by common wood working machines.

Before processing Kaindl Decor Chipboards P3 F****/Option1 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

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.