



BOARDS. FLOORS. IDEAS.

KAINDL Decor Chipboard P2/E1

Technical Data Sheet

DSP2E1 05/17-00

Areas of use / Application

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

Construction

decorative paper
chipboard P2/E1
decorative paper



Standard size

thickness range: 8 - 38 mm	chipboard P2/E1:	standard size: 2800 x 2070 mm 5600 x 2070 mm
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Tolerances

	unit	classification acc. to EN 14322			test method
		thickness range <mm>			
thickness tolerance relating to the basic thickness:	mm	< 15	≥ 15 - 20	> 20	EN 14323
		+/- 0,3 for abrasion class 1 und 2 + 0,5/- 0,3 for abrasion class 3A, 3B and 4 according table 2			
length- and width tolerance: - standard size - cut sizes	mm	+/- 5			EN 14323
	mm	+/- 2,5			
distortion:	mm/m	≤ 2 (only for balanced assembling of the surface)			EN 14323
edge disruption: - standard size - cut sizes	mm/m	≤ 10			EN 14323
	mm/m	≤ 3			

Substrate according to E1, for further information see also the technical datasheet Chipboard P2/E1.

Surface properties

	unit	classification acc. to EN 14322	test method
scratch resistance:	N	≥ 1,5	EN 14323
surface imperfections:	mm ² /m ²	punctiform imperfection < 2	
	mm/m ²	prolate imperfection < 20	
resistance to stains:	group	≥ 3	EN 14323
cracking risk:	group	≥ 3	EN 14323

resistance to cigarette burn:	grade	3 = moderate change of gloss level and/or moderate brown spots				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: Wood, Fantasy and Metallic		Uni Decor	EN 14323
	class		1		3A	
	IP rotations		< 50		>150	
	WR rotations		<150		>350	

Reaction to fire classification (brandklassifizierung)

decor chipboard	substrate chipboard	thickness	classification acc. to EG decision (2007/348/EG)*	
			end use condition	class
KAINDL Decor Chipboard P2/E1	density $\geq 600\text{kg/m}^3$	$\geq 9\text{ mm}$	without an air gap between the wood-based panel	D-s2, d0
		$\geq 9\text{mm}$	with a closed or a open air gap not more than 22mm behind the wood-based panel	D-s2, d2
		$\geq 15\text{mm}$	with a closed air gap behind the wood based panel	D-s2, d0
		$\geq 18\text{mm}$	with an open air gap behind the wood based panel	D-s2, d0
		$\geq 3\text{mm}$	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/E1 should always be stored flat and level.
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 P2/E1 are very hygienic and easy to clean.
All domestic cleaning agents can be used for cleaning Kaindl Decor Chipboards P2/E1. Do not use scouring agents.
For daily care it is only necessary to clean Kaindl Decor Chipboards P2/E1 with a damp cloth. Handle in the same way as conventional wooden boards. Sanding, sealing or polishing the surface is not necessary because of the special surface of Kaindl Decor Chipboards P2/E1.
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/E1 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/E1 can be processed by common wood working machines.
Before processing Kaindl Decor Chipboards P2/E1 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.