

KAINDL MDF Decor E1

MDFD 04/07-04



Areas of use / Application

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

Construction

decorative paper
MDF E1
(acc. to EN 622-5)
decorative paper



Size

thickness range: 8 - 28 mm	MDF- Board (acc. to EN622-5)	standard size: 2800 x 2070 mm 5600 x 2070 mm
Substrate according to E1, for further information see also the Technical Data		

Tolerances

Tolerances					
	unit	classification acc. to EN 14322			test method
thickness tolerance relating to the basic thickness:	mm	thickness range <mm>			EN 14323
		< 15	≥ 15 - 20	< 20	
		+/- 0,3 for abrasion class 1 und 2 + 0,5/- 0,3 for abrasion class 3A, 3B and 4 according to table 2		+/- 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:	mm²/m² 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 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		< 50		>150	
	rotations WR rotations		<150		>350	

Construction physical properties

	unit	classification acc. to EN13986	test method
fire class: minimum-density > 600kg/m ³ minimum-thickness > 9mm		D-s2,d0	EN 13986
water vapour - coefficient of resistance: middle-density 600kg/m ³	μ moist μ dry	15 50	EN ISO 12572
airborne sound insulation:		R= 13xlg(m _A) +14	EN ISO 140-3
grade of acoustical absorption: frequency range 250 to 500 Hz		0,1	EN ISO 354
frequency range 1000 to 2000 Hz		0,25	
heat conductivity: middle-density 600kg/m ³	λ	0,12 W/(m·K)	EN 12664

Storage tips

Kaindl MDF Decor E1 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%.

Cleaning and care

Kaindl MDF Decor E1 are very hygienic and easy to clean.
All domestic cleaning agents can be used for cleaning Kaindl MDF Decor E1. 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 MDF Decor 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.
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 MDF Decor 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 MDF Decor Boards can be processed by common wood working machines.
Before processing Kaindl MDF Decor Boards 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.