



BOARDS. FLOORS. IDEAS.

KAINDL Optifaced MDF E1 /CA

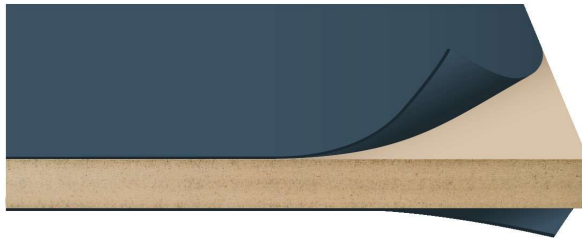
Technical Data Sheet

MDFOF 11/23-01

Areas of use / Application

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

Construction



Protection Foil
OF Anti Fingerprint finish

MDF E1/CA

decorative paper (MN)

Size

standard size: 2800 x 2070 mm

thickness range: 16 - 25 mm

Tolerances

	unit	classification acc. to EN 14322		test method
		thickness range <mm>		EN 14323
		≥ 15 - 20	> 20	
thickness tolerance (based on finished size)*				EN 14323
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
formaldehyde release:		E1		EN 16516 ¹⁾
		Requirements fulfilled		CARB / EPA TSCA Title VI ²⁾
pentachlorophenol:		< 0,5 ppm		ChemVerbotsVO

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

¹⁾ Determination according to German Chemikalienverbotsverordnung according to procedure published in Bundesanzeiger on 26.11.2018; Annex 1. Valid as of 1.1.2020.

²⁾ Meets testing and monitoring requirements acc. to Airborne Toxic Control Measure (ATCM) to Reduce Formaldehyde Emission from Composite Wood Products -§ 93120 - 93120.12, title 17, California Code of Regulations - by the California Air Resources Board (CARB), as well as US EPA TSCA Title VI - 40 CFR Part 770 - Formaldehyde Emission Standards for Composite Wood Products.

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:	class	3B	EN 14323
	IP rotations	≥350	

Reaction to fire classification

		minimum thickness	classification acc. to EG decision (2007/348/EG)*	
			end use condition	class
KAINDL Optifaced MDF E1/CA	raw 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 Optifaced MDF E1 / CA 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 Optifaced MDF E1 /CA are very hygienic and easy to clean.

All domestic cleaning agents can be used for cleaning Kaindl Optifaced MDF E1 /CA. Do not use scouring agents.

For daily care it is only necessary to clean 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 Optifaced MDF E1 /CA.

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 Optifaced MDF E1 /CA 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 Optifaced MDF E1 /CA can be processed by common wood working machines.

Before processing Kaindl Optifaced MDF E1 /CA 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.

For handling panels with protective film, see Kaindl information sheet no. 7 "Surface protection film".

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.