



BOARDS. FLOORS. IDEAS.

Kaindl CDF C-s2, d0 Board

Compact Density Fibreboard

Technical Data Sheet

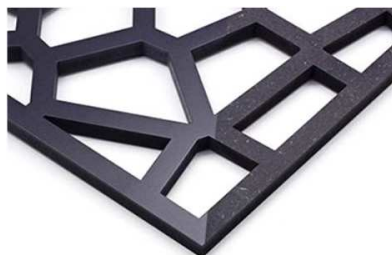
CDF_E 02/15-01

Areas of use/ Application

Thanks to its black colouring and the compact product structure, the Kaindl CDF C-s2, d0 Board can also be used as an attractive surface without additional coating. The excellent machinability into the depth of the panel allow for the creation of various three-dimensional elements for creative furniture and building design.

Technical classification

High-density wood fibreboard (density >1000 kg/m³) for general purpose for use in humid conditions.



Size

thickness: 11,8 mm	Panel format: 2800 mm x 2070 mm 5600 mm x 2070 mm
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Technical data of the Kaindl CDF C-s2, d0 Board

Acc. to EN 622-5: Fibreboards – requirements for the boards after drying process MDF¹⁾.

Test parameters	Value	Requirement	Test standard
Thickness (panel thickness)	11,8 mm		EN 324-1
Thickness tolerance (acc. to EN 622-1)	±0,2mm	± 0,2 mm	EN 324-1
Raw density	> 1000 kg/m ³	> 800 kg/m ³ 2)	EN 323
Flexural strength	> 60 N/mm ²	20 - 23 N/mm ²	EN 310
Flexural elasticity module	> 6000 N/mm ²	2200 - 2700 N/mm ²	EN 310
Resistance to direct pull	> 2 N/mm ²	0,55 – 0,65 N/mm ²	EN 319
Face strength	> 2,5 N/mm ²	0,8 – 1,2 N/mm ² 2)	EN 311
Thermal conductivity	0,18 W/(mK)	min. 0,14 W/(mK)	EN 13986
Panel humidity (acc. to EN 622-1)	≥ 5% Wasser	4 – 11% Wasser	EN 322
Thickness swelling (24 h)	< 5% Dicke	max. 12 – 30%	EN 317
Fire performance	B-s2, d0		EN 13501-1
Chloride: Lindan / Pentachlorphenol (PCP)	n.d. / n.d. mg/kg (n.d. = non-determinable)	Lindan 0/ PCP < 5ppm	ChemVerbotV.
Formaldehyde cont. (EN 622-1)	Class E1 ≤ 8mg/100g atro panel / ≤0,124 mg/m ³ air	Class E1 ≤ 8mg/100g atro panel / ≤0,124 mg/m ³ air	EN 120/ 717-1

¹⁾CDF Board is an innovation Product; there is no standard available. Requirements pursuant to EN 622-1 (general); EN 622-5 applicable for MDF.

²⁾ Common values. No requirements.

Storage Tips

Kaindl CDF C-s2, d0 Boards 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

Further processing

When processing Kaindl CDF C-s2, d0 Board, please follow the information below:
Working and cutting of the material must be performed using hard metal tools.
For larger batches and when using modern machine tools, we recommend using diamond-tipped tools.
The high bulk density must be taken into consideration regarding the processing parameters. Sharp, hard-cut tools are important in order to achieve optimum edge quality.
In order to provide optimum protection against humidity and apply a finish, the black edges are treated using varnish, wax, oil or other hydrophobizing media.
Screw connections must always be pre-drilled.

For further information also see info sheet "Cutting Tools for Kaindl CDF C-s2, d0 Boards and Kaindl Decor CDF C-s2, d0 Boards".

Technical safety information

Due to the large weight of the product, please take special care during handling (ensure correct lifting; prevent risks of crushing, etc.).
Saw dust / buffing dust may occur during processing; do not breathe in this fibre dust (wear protective equipment and use air extraction device)! In order to prevent dust explosion, wood dust must always be extracted.
This product is not classified as a hazardous good and is thus not subject to statutory labeling requirements (hazardous goods ordinance / ordinance on waste management).

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Kaindl CDF C-s2, d0 Board is a product obtained from sustainable forestry. The thinning wood used, helps to preserve forests.
The product may be recycled after its 1st life cycle or used to generate thermal energy in a suitable plant (CO2-free energy).

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.