

StyleBoard MDF plus

Melamine facing

October 2025

# **Technical data**

## DecoBoard MDF plus

Medium-density fibreboard with uniform layering and decorative melamine resin facing on both sides.

### Applications

Furniture and interior fit-

#### Properties

Variety of decors and / or textures

Antimicrobial



#### Certificates





Specification						Unit	Test standard
Nominal thickness	8	10	12	16	18	mm	
Tolerance on thickness	±0.3 for class 1, 2 +0.5/-0.3 for class 3A, 3B, 4 and gloss surfaces					mm	EN 14323
Length- and width tolerance	± 5					mm	EN 14323
Length- and width tolerance (precut panels)	± 2.5				mm	EN 14323	
Flatness				≤ 2 <sup>1)</sup>	≤ 2 <sup>1)</sup>	mm/m	EN 14323
Edge damage	≤ 10					mm	EN 14323
Edge damage (pre-cut panels)	≤3					mm	EN 14323
Surface defects (Points)	≤2					mm²/m²	EN 14323
Surface defects (Defect in the ength)	≤ 20					mm/m	EN 14323
Resistance to scratching	≥ 1.5 <sup>2)</sup>				N	EN 14323	
Resistance to staining	≥ 3				Rating	EN 14323	
Resistance to cracking	≥3				Rating	EN 14323	
Resistance to abrasion (plain colours)	3A					Class	EN 14323
Resistance to abrasion (printed designs)	1				Class	EN 14323	
Resistance to abrasion (printed designs with overlay)	3A					Class	EN 14323
Resistance to colour change in xenon arc light	min. 4 Grey Scale Grade					EN 14323	
Mean density	720 <sup>3)</sup>	720 <sup>3)</sup>	720 <sup>3)</sup>	710 <sup>3)</sup>	710 <sup>3)</sup>	kg/m³	EN 323
Bending strength	25 <sup>3)</sup>	25 <sup>3)</sup>	25 <sup>3)</sup>	23 <sup>3)</sup>	23 <sup>3)</sup>	N/mm²	EN 310



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Specification						Unit	Test standard
Nominal thickness	8	10	12	16	18	mm	
Bending modulus of elasticity	2,200 <sup>3)</sup>	2,200 <sup>3)</sup>	2,200 <sup>3)</sup>	2,100 <sup>3)</sup>	2,100 <sup>3)</sup>	N/mm²	EN 310
Internal bond	0.55 <sup>3)</sup>	0.55 <sup>3)</sup>	0.55 <sup>3)</sup>	0.45 <sup>3)</sup>	0.45 <sup>3)</sup>	N/mm²	EN 319
Formaldehyde release		E1 E05, TSCA Title VI					
Reaction to fire (Euroclass)	D-s2,d0 conforming to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Gross density: ≥ 600 kg/m³)						

Specification					Unit	Test standard
Nominal thickness	19	22	25	28	mm	
Tolerance on thickness	±0.3 for class 1, 2 +0.5/-0.3 for class 3A, 3B, 4 and gloss surfaces	±0,5	±0,5	±0,5	mm	EN 14323
_ength- and width tolerance			± 5		mm	EN 14323
ength- and width tolerance (precut panels)	± 2.5					EN 14323
- latness		mm/m	EN 14323			
dge damage		mm	EN 14323			
dge damage (pre-cut panels)	•	mm	EN 14323			
urface defects (Points)		mm²/m²	EN 14323			
surface defects (Defect in the ength)		mm/m	EN 14323			
Resistance to scratching		N	EN 14323			
Resistance to staining		Rating	EN 14323			
lesistance to cracking	•	Rating	EN 14323			
Resistance to abrasion (plain olours)	3A				Class	EN 14323
Resistance to abrasion (printed lesigns)	1				Class	EN 14323
Resistance to abrasion (printed lesigns with overlay)		Class	EN 14323			
Resistance to colour change in enon arc light			EN 14323			
lean density		kg/m³	EN 323			
Bending strength	•	N/mm²	EN 310			
Bending modulus of elasticity	23 <sup>3)</sup> 2,100 <sup>3)</sup>				N/mm²	EN 310
nternal bond	0.45 <sup>3)</sup>				N/mm²	EN 319
ormaldehyde release			SCA Title VI			
Reaction to fire (Euroclass)	D-s2,d0 use (Thio	on end kg/m³)				

<sup>1)</sup> If symmetrical construction

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 2) Except smooth and matt structures, as well as decors with mother-of-pearl effect

<sup>3)</sup> Core material

<sup>2)</sup> Except smooth and matt structures, as well as decors with mother-of-pearl effect

<sup>3)</sup> Core material



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#### **Additional information**

Product standard	• EN 14322
Areas of application	<ul> <li>Fronts, carcasses, tabletops, shop fitting and interior design with high demands on edge quality: can be profiled and lacquered.</li> </ul>
Core material	<ul><li>StyleBoard MDF plus</li><li>Medium-density fibreboard (MDF), with a uniform structure.</li></ul>
Product safety	<ul> <li>This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered.</li> <li>The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011.</li> <li>We manufacture the panels without the use of organohalogens, heavy metals, preservatives, wood protectors or organic solvents.</li> </ul>
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Resistance to heat	<ul> <li>Heat sources (e.g. coffee machines, printers, fax machines, etc.) should not come into direct contact with the board, otherwise cracks may form due to drying out. For continuous exposure to heat, temperatures of up to 50°C are permissible. In the case of permanent exposure to heat, we expressly draw attention to the risk of cracking.</li> </ul>
Special	<ul> <li>A protective foil must be removed as soon as possible after processing – but at the latest within 6 months after delivery – to ensure residue-free removal of the foil. In addition, foiled boards must not be exposed to direct sunlight (UV radiation).</li> </ul>
Note	<ul> <li>FSC certification or PEFC certification available on request.</li> <li>FSC license code: FSC<sup>®</sup> C011773</li> <li>PEFC license code: PEFC/04-32-0828</li> </ul>
Colour and surface match	<ul> <li>Decor, structure and core board all influence the final appearance of the end product.</li> <li>Due to the product-specific differences in production technologies, even identical decor/structure/core board combinations can result in slight optical and tactile deviations across different product groups and formats. Such deviations do not constitute a defect.</li> <li>The choice of surface structure in particular has a significant influence on the visual impression, the tactile perception as well as the technical characteristics of the product. Thus, the overall impression of a decor can change almost completely depending on the surface structure. Furthermore, mechanical influences on the product surface can lead to a higher contrast optical perception with dark decors.</li> <li>To ensure that you always achieve the best results with our products and to clarify any deviations in advance, we will be happy to advise you individually.</li> </ul>

Further information on products, formats and decor/structure combinations is available at www.pfleiderer.com

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