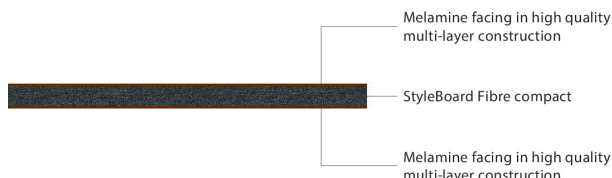


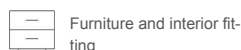
Technical data

DecoBoard Fibre compact

Decorative, black-dyed, highly durable, and low-swelling fibreboard with a homogeneous structure and double-sided decorative melamine facing in a multi-layer construction.



Applications



Furniture and interior fitting

Properties



Variety of decors and / or textures



Easy care



Antimicrobial



Low swelling / moisture resistant



High impact resistance



Load bearing – particularly high bending strength



Easy to use and machine

Certificates



Specification									Unit	Test standard
Nominal thickness	6.4	8.4	10.4	12.4	15.4	16.4	18.4	19.4	mm	
Length- and width tolerance	± 5								mm	EN 14323
Length- and width tolerance (pre-cut panels)	± 2.5								mm	EN 14323
Flatness				≤ 2 ¹⁾	≤ 2 ¹⁾	≤ 2 ¹⁾	≤ 2 ¹⁾	≤ 2 ¹⁾	mm/m	EN 14323
Edge damage	≤ 10								mm	EN 14323
Edge damage (pre-cut panels)	≤ 3								mm	EN 14323
Surface defects (Points)	≤ 2								mm ² /m ²	EN 14323
Surface defects (Defect in the length)	≤ 20								mm/m	EN 14323
Resistance to scratching	≥ 1.5 ²⁾								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									EN 14323
Resistance to colour change in xenon arc light	min. 4 Grey Scale Grade									EN 14323
Mean density	1,000 ³⁾								kg/m ³	EN 323
Bending strength	40 ³⁾								N/mm ²	EN 310
Bending modulus of elasticity	3,500 ³⁾								N/mm ²	EN 310
Internal bond	1.8 ³⁾	1.8 ³⁾	1.6 ³⁾	1.6 ³⁾	1.4 ³⁾	1.4 ³⁾	1.4 ³⁾	1.4 ³⁾	N/mm ²	EN 319

Technical data

DecoBoard Fibre compact

Specification									Unit	Test standard
Nominal thickness	6.4	8.4	10.4	12.4	15.4	16.4	18.4	19.4	mm	
Surface soundness	1.4 ³⁾								N/mm ²	EN 311
Thickness swell (24 h)	8 ³⁾	7 ³⁾	5 ³⁾	5 ³⁾	4 ³⁾	4 ³⁾	4 ³⁾	4 ³⁾	%	EN 317
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/m ³)									

¹⁾ If symmetrical construction

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

³⁾ Core material

Additional information

Product standard	EN 14322
Areas of application	DecoBoard Fibre compact is the ideal board for high-use applications such as shop and interior fittings, kitchen and bathroom furniture, lockers, changing rooms, partitions, and toilet areas. Its robust design and special formulation ensure very low swelling values, making it highly suitable for environments with high humidity and intensive use.
Core material	- StyleBoard Fibre compact - High-density, swell-reduced, and black-dyed fibreboard with a homogeneous structure and good dimensional stability.
Product safety	- This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered. - The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011. - We manufacture the panels without the use of organohalogens, heavy metals, preservatives, wood protectors or organic solvents.
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	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.
Special	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).
Note	- FSC certification or PEFC certification available on request. - FSC license code: FSC® C011773 - PEFC license code: PEFC/04-32-0828
Colour and surface match	- Decor, structure and core board all influence the final appearance of the end product. - 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. - 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. - 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.

Technical data

DecoBoard Fibre compact

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

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