Technical data
DecoBoard Individual Motiv Pyroex

Flame resistant particleboard with individual digital print motifs in direct facing method, awarded with the Blue Angel. The front face is printed as required, the standard reverse is white.

Motif print / Melamine facing

PremiumBoard Pyroex

Melamine facing

Applications

Furniture and interior fitting

Fire protection

Properties

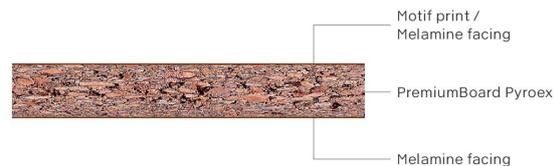Individual printed motif

Easy care

Antimicrobial

Food harmless

Flame retardant

Particularly low emission

Certificates

Specification			Unit	Test standard
Nominal thickness	**16**	**19**	**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
Flatness	≤ 2 [1]		mm/m	EN 14323
Edge damage	≤ 10		mm	EN 14323
Surface defects (Points)	≤ 2		mm²/m²	EN 14323
Surface defects (Defect in the length)	≤ 20		mm/m²	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 colour change in xenon arc light	min. 4 Grey Scale Grade			EN 14323
Mean density	640 - 620 [3]		kg/m³	EN 323
Bending strength	11 [3]		N/mm²	EN 310
Bending modulus of elasticity	1,600 [3]		N/mm²	EN 310
Internal bond	0.35 [3]		N/mm²	EN 319
Surface soundness	0.8 [3]		N/mm²	EN 311
Formaldehyde release	E1 E05			
Reaction to fire (Euroclass)	C-s2,d0			EN 13501-1
Reaction to fire	flame retardant			

[1] If symmetrical construction
[2] Except smooth and matt structures
[3] Core material

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Additional information

Product standard	• in accordance with EN 14322
Areas of application	• .
Core material	• PremiumBoard Pyroex • Flame resistant particleboard, suitable for non load-bearing purposes in dry areas, for interior fitting and for furniture subject to higher demands on fire protection.
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 halogens, 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	• Maximum motif format per board, incl. overprinting: 2,750 mm x 2,030 mm. Larger motifs can be tiled. • Assignment of the motifs parallel with the edge of the coreboard is not possible for production reasons. • Depending on the decor and surface texture, slightly different surface visual impressions can result between cut panels viewed from different angles. This is a result of the production methods and does not constitute a quality defect. • Colour differences can occur in follow-up production lots. • Cut to size is not available.
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.

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

Pfleiderer Deutschland GmbH
Ingolstädter Str. 51
92318 Neumarkt
Germany

phone +49 (0) 91 81 28 48 0
Fax +49 (0) 91 81 28 48 2
info@pfleiderer.com
www.pfleiderer.com