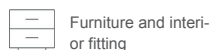


Technical data

DecoBoard P2

Urea resin bonded particleboard with decorative melamine facing on both faces, awarded with the Blue Angel.

Applications



Furniture and interior fitting



Properties



Decorative variety



Easy care



Antimicrobial



Food harmless



Particularly low emission

Certificates



Specification								Unit	Test standard
Nominal thickness	8	10	12	13	15	16	18	mm	
Tolerance on thickness	+ 0.5, -0.3							mm	EN 14323
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⁾	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 ²	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)	min. 2							Class	EN 14323
Resistance to abrasion (printed designs)	min. 1							Class	EN 14323
Resistance to colour change in xenon arc light	min. 4 Grey Scale Grade								EN 14323
Mean density	≥ 720 ³⁾	720 - 640 ³⁾	720 - 640 ³⁾	720 - 640 ³⁾	640 - 620 ³⁾	640 - 620 ³⁾	640 - 620 ³⁾	kg/m ³	EN 323
Bending strength	11 ³⁾							N/mm ²	EN 310
Bending modulus of elasticity	1,800 ³⁾	1,800 ³⁾	1,800 ³⁾	1,800 ³⁾	1,600 ³⁾	1,600 ³⁾	1,600 ³⁾	N/mm ²	EN 310

Technical data

DecoBoard P2

Specification								Unit	Test standard
Nominal thickness	8	10	12	13	15	16	18	mm	
Internal bond	0.4 ³⁾	0.4 ³⁾	0.4 ³⁾	0.4 ³⁾	0.35 ³⁾	0.35 ³⁾	0.35 ³⁾	N/mm ²	EN 319
Surface soundness	0.8 ³⁾							N/mm ²	EN 311
Formaldehyde release	E1 E05								
Reaction to fire (Euroclass)	D-s2,d0 according 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

Specification								Unit	Test standard
Nominal thickness	19	22	25	28	30	32	38	mm	
Tolerance on thickness	+ 0.5, - 0.3	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	mm	EN 14323
Length- and width tolerance	± 5							mm	EN 14323
Length- and width tolerance (pre-cut panels)	± 2.5							mm	EN 14323
Flatness	≤ 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 ²	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)	min. 2							Class	EN 14323
Resistance to abrasion (printed designs)	min. 1							Class	EN 14323
Resistance to colour change in xenon arc light	min. 4 Grey Scale Grade								EN 14323
Mean density	640 - 620 ³⁾	620 - 600 ³⁾	620 - 600 ³⁾	600 - 580 ³⁾	600 - 580 ³⁾	600 - 580 ³⁾	580 - 540 ³⁾	kg/m ³	EN 323
Bending strength	11 ³⁾	10.5 ³⁾	10.5 ³⁾	9.5 ³⁾	9.5 ³⁾	9.5 ³⁾	8.5 ³⁾	N/mm ²	EN 310
Bending modulus of elasticity	1,600 ³⁾	1,500 ³⁾	1,500 ³⁾	1,350 ³⁾	1,350 ³⁾	1,350 ³⁾	1,200 ³⁾	N/mm ²	EN 310
Internal bond	0.35 ³⁾	0.3 ³⁾	0.3 ³⁾	0.25 ³⁾	0.25 ³⁾	0.25 ³⁾	0.2 ³⁾	N/mm ²	EN 319
Surface soundness	0.8 ³⁾							N/mm ²	EN 311
Formaldehyde release	E1 E05								
Reaction to fire (Euroclass)	D-s2,d0 according 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

Technical data

DecoBoard P2

Additional information

Product standard	<ul style="list-style-type: none"> • EN 14322
Areas of application	<ul style="list-style-type: none"> • Carcass and front quality for furniture making, shopfitting and interior fitting.
Core material	<ul style="list-style-type: none"> • ClassicBoard P2 • Urea resin-bonded particleboard, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.
Product safety	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Surface with antimicrobial effect in 24h for interior fit-out and finishes - Test Methodology JIS Z 2801 / ISO 22196
Resistance to heat	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • FSC certification or PEFC certification available on request. • FSC license code: FSC® C011773 • PEFC license code: PEFC/04-32-0828
Colour and surface match	<ul style="list-style-type: none"> • 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

© Copyright 2021 Pfleiderer Deutschland GmbH

This information has been compiled with the greatest care. Nevertheless we can assume no liability for the correctness, completeness and up-to-dateness of this information. Colour deviations caused by the printing technology are possible. In view of the ongoing further development and adaptation of our products, possible amendments to the relevant standards, laws and regulations, our technical data sheets and product documentation expressly do not constitute a legally binding assurance of the properties described there. In particular no guarantee of suitability for a concrete application can be derived. It is therefore the personal responsibility of the individual user in all cases to check the processing and suitability of the products described in this document for the intended application in advance, and to take into consideration the legal framework and the respective state-of-the-art. We furthermore expressly draw attention to the applicability of our General Terms and Conditions.

You can find our general terms and conditions on our webpage: www.pfleiderer.com

Pfleiderer Deutschland GmbH

Ingolstädter Str. 51
92318 Neumarkt
Germany

phone +49 (0) 91 81 / 28 480
Fax +49 (0) 91 81 / 28 482
info@pfleiderer.com
www.pfleiderer.com