

Technical data

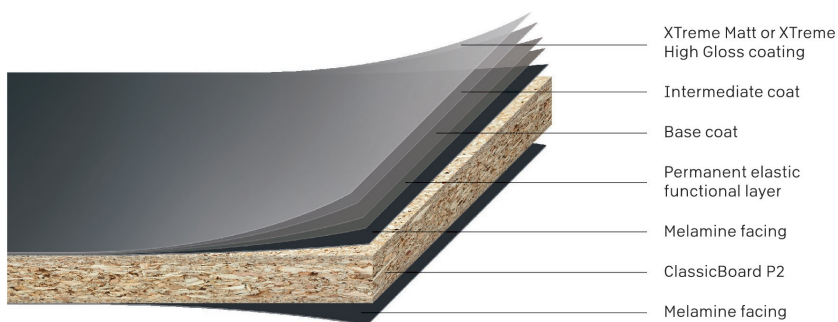
PrimeBoard P2

Melamine resin faced chipboard with high-quality and innovative multi-layer coating made up of a permanently elastic functional layer and UV-curing acrylic coatings.

New standards in high quality lacquered surfaces: Fine, but robust: With PrimeBoard, Pfleiderer presents a wood-based panel, which combines an attractive painted look, optimum workability and high durability.

Whether PrimeBoard XTreme Matt or PrimeBoard XTreme High Gloss: Its innovative multi-coating technology makes it particularly easy to clean and permanently withstands high stresses. Integrated in our colour match range, the new lacquered surface allows for versatile and flexible use with perfect combinations while ensuring long-lasting colour stability. PrimeBoard also stands out due to its excellent machinability.

Product build-up PrimeBoard P2



Applications



Properties



Certificates



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Specification						Unit	Standard
Nominal thickness	10	12	13	16	18	mm	
Length	2,800					mm	
Width	2,100					mm	
Tolerance on thickness	+ 0.5, -0.3					mm	EN 14323
Length- and width tolerance	± 5					mm	EN 14323
Flatness	≤ 2 ¹⁾					mm/m	EN 14323
Edge damage	≤ 10					mm	EN 14323
Mean density	720 – 640 ²⁾	720 – 640 ²⁾	720 – 640 ²⁾	640 – 620 ²⁾	640 – 620 ²⁾	kg/m ³	EN 323
Bending strength	11 ²⁾					N/mm ²	EN 310
Bending modulus of elasticity	1,800 ²⁾	1,800 ²⁾	1,800 ²⁾	1,600 ²⁾	1,600 ²⁾	N/mm ²	EN 310
Internal bond	0.4 ²⁾	0.4 ²⁾	0.4 ²⁾	0.35 ²⁾	0.35 ²⁾	N/mm ²	EN 319
Formaldehyde release	E1 E05					Class	
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥9 mm / Gross density: ≥600 kg/m ³)					Euro-class	
Resistance to scratching	≥ 3 ³⁾	≥ 3 ³⁾	≥ 3 ³⁾	≥ 2.5 ⁴⁾ ≥ 3 ³⁾	≥ 2.5 ⁴⁾ ≥ 3 ³⁾	N	in accordance with EN 15186 / Method A
Resistance to microscratching	1					Class	DIN CEN/TS 16611; IHD-W-466 / Method A
Cross-cut test	0					Specific value	EN ISO 2409
Chemical resistance	1B					Durability class	DIN 68861-1
Surface gloss	≤ 5 / 60° ³⁾	≤ 5 / 60° ³⁾	≤ 5 / 60° ³⁾	≥ 90 / 60° ⁴⁾ ≤ 5 / 60° ³⁾	≥ 90 / 60° ⁴⁾ ≤ 5 / 60° ³⁾		EN 13722
Behavior at abrasion	2B ³⁾	2B ³⁾	2B ³⁾	2B ³⁾⁴⁾	2B ³⁾⁴⁾	Durability class	DIN 68861-2
Resistance to colour change in xenon arc light	min. 4 Grey Scale Grade min. 6 Blue Wool Standard						EN 15187
Resistance to cracking	5					Rating	EN 14323
Behaviour in dry heat	7D (70 °C)					Durability class	DIN 68861-7
Behaviour in humid heat	8B (70 °C)					Durability class	DIN 68861-8
Surface defects	Surface defects must not have a detrimental effect. Defects not larger than 1.0 mm ² and detected from an observation distance of 0.7 m and a viewing angle of about 30° during the evaluation of the surface are permissible. Max. 1 fault per m ² is permissible. The total number of defects allowed per board may be concentrated in one area or split across several defects.						AMK-MB-009

¹⁾ If symmetrical decor structure

²⁾ Core material

³⁾ XTreme Matt

⁴⁾ XTreme High Gloss

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PrimeBoard P2

Specification					Unit	Standard
Nominal thickness	19	22	25	28	mm	
Length	2,800				mm	
Width	2,100				mm	
Tolerance on thickness	+ 0.5, -0.3	± 0.5	± 0.5	± 0.5	mm	EN 14323
Length- and width tolerance	± 5				mm	EN 14323
Flatness	≤ 2 ¹⁾				mm/m	EN 14323
Edge damage	≤ 10				mm	EN 14323
Mean density	640 – 620 ²⁾	620 – 600 ²⁾	620 – 600 ²⁾	600 – 580 ²⁾	kg/m ³	EN 323
Bending strength	11 ²⁾	10.5 ²⁾	10.5 ²⁾	9.5 ²⁾	N/mm ²	EN 310
Bending modulus of elasticity	1,600 ²⁾	1,500 ²⁾	1,500 ²⁾	1,350 ²⁾	N/mm ²	EN 310
Internal bond	0.35 ²⁾	0.3 ²⁾	0.3 ²⁾	0.25 ²⁾	N/mm ²	EN 319
Formaldehyde release	E1 E05				Class	
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥9 mm / Gross density: ≥600 kg/m ³)				Euro-class	
Resistance to scratching	≥ 2.5 ⁴⁾ ≥ 3 ³⁾				N	in accordance with EN 15186 / Method A
Resistance to microscratching	1				Class	DIN CEN/TS 16611; IHD-W-466 / Method A
Cross-cut test	0				Specific value	EN ISO 2409
Chemical resistance	1B				Durability class	DIN 68861-1
Surface gloss	≥ 90 / 60° ⁴⁾ ≤ 5 / 60° ³⁾					EN 13722
Behavior at abrasion	2B ^{3) 4)}				Durability class	DIN 68861-2
Resistance to colour change in xenon arc light	min. 4 Grey Scale Grade min. 6 Blue Wool Standard					EN 15187
Resistance to cracking	5				Rating	EN 14323
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Surface defects	Surface defects must not have a detrimental effect. Defects not larger than 1.0 mm ² and detected from an observation distance of 0.7 m and a viewing angle of about 30° during the evaluation of the surface are permissible. Max. 1 fault per m ² is permissible. The total number of defects allowed per board may be concentrated in one area or split across several defects.					AMK-MB-009

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Additional information

Areas of application	<ul style="list-style-type: none"> Exclusive interior and project fixtures and fittings, living room and bedroom furniture / sliding doors, bathroom furniture and kitchen fronts.
Core material	<ul style="list-style-type: none"> ClassicBoard P2 Urea resin-bonded particleboard, Type P2 to EN 312, suitable for non load-bearing purposes in dry areas.
Lacquering Decorative variety	<ul style="list-style-type: none"> PrimeBoard can be lacquered on one or both sides. Please comply with information for PrimeBoard Collection and PrimeBoard Stock Collection

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Quality characteristics	<ul style="list-style-type: none"> The main quality features of PrimeBoard are listed in this document. Individually requested properties not listed here can, if necessary, be answered on request in accordance with the relevant standards and test procedures. Due to the industrial manufacturing process and despite state-of-the-art production technology, it is not possible to produce a completely faultless surface; minor imperfections and surface irregularities are therefore permissible. To protect the high-quality surface Pfleiderer delivers these surface textures with a protective foil. The 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).
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.
Disposal	<ul style="list-style-type: none"> PrimeBoard is classified in waste wood class A2. The known disposal regulations regarding material and energy recovery apply.
Further documents	<ul style="list-style-type: none"> Cleaning and care instructions Information on transportation, storage and processing

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