

Technical data

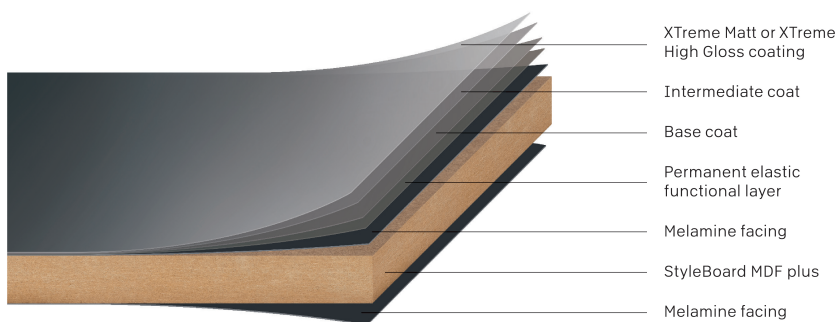
PrimeBoard MDF plus

Melamine resin faced medium-density fibreboard 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 MDF plus



Applications



Properties



Certificates



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Specification								Unit	Standard
Nominal thickness	10	12	16	18	19	22	25	mm	
Length	2,800							µm	
Width	2,100							µm	
Tolerance on thickness	+ 0.5, -0.3	+ 0.5, -0.3	+ 0.5, -0.3	+ 0.5, -0.3	+ 0.5, -0.3	± 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	730 ²⁾	730 ²⁾	710 ²⁾	710 ²⁾	710 ²⁾	710 ²⁾	710 ²⁾	kg/m ³	EN 323
Bending strength	25 ²⁾	25 ²⁾	23 ²⁾	23 ²⁾	23 ²⁾	22 ²⁾	22 ²⁾	N/mm ²	EN 310
Bending modulus of elasticity	2,400 ²⁾	2,400 ²⁾	2,200 ²⁾	2,200 ²⁾	2,200 ²⁾	2,000 ²⁾	2,000 ²⁾	N/mm ²	EN 310
Internal bond	0.53 ²⁾	0.53 ²⁾	0.48 ²⁾	0.48 ²⁾	0.48 ²⁾	0.48 ²⁾	0.48 ²⁾	N/mm ²	EN 319
Formaldehyde release	E1							Class	
Core material	Requirements according "CARB Phase 2" and "TSCA Title VI" are fulfilled								
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥9 mm / Gross density: ≥600 kg/m ³)								
Resistance to scratching	≥ 2.5 ³⁾ ≥ 3 ⁴⁾							N	in accordance with EN 15186 / Method A
Resistance to microscratching	1							Class	DIN GEN/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° ³⁾ ≤ 5 / 60° ⁴⁾								EN 13722
Behavior at abrasion	2B							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.								

¹⁾ If symmetrical decor structure

²⁾ Core material

³⁾ XTreme High Gloss

⁴⁾ XTreme Matt

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"> StyleBoard MDF plus Medium-density fibreboard (MDF) in accordance with EN 622-1, with uniform structure.
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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