DUROPAL | thermopal

PFLEIDERER

March 2026

Technical data

PrimeBoard XTreme SuperMatt P2 TSCA

Melamine faced, high-density particleboard type P2 conforming to EN 312, with improved surface properties as well as high quality and innovative supermatt coating and anti-fingerprint effect for vertical applications.

Applications

Furniture and interior fitting

Properties

Particularly low emission

Variety of decors and / or textures

Easy care

Anti-fingerprint

Certificates

Specification						Unit	Test standard
Nominal thickness	**10**	**12**	**13**	**16**	**18**	**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
Resistance to scratching	≥ 3.5					N	in accordance with EN 15186 / Method B
Resistance to microscratching	1					Class	DIN CEN/TS 16611, IHD-W-466 / Method A
Cross-cut test	≤ 1					Specific value	EN ISO 2409
Chemical resistance	1B					Durability class	DIN 68861-1
Surface gloss	≤ 5 / 60°						EN 13722
Behavior at abrasion	2A					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	7C (100 °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 mm² 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 m² is permissible. The total number of defects allowed per board may be concentrated in one area or split across several defects.						AMK-MB-009
Reaction to fire	normally flammable						

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Specification						Unit	Test standard
Nominal thickness	**10**	**12**	**13**	**16**	**18**	**mm**	
Reaction to fire (Euroclass)	D-s2,d0						EN 13986 (CWFT) dependent on end use
Formaldehyde emission class	E1 E05 TSCA Title VI						EN 717-1
Mean density	720 - 650 [2)]	720 - 650 [2)]	720 - 650 [2)]	680 - 660 [2)]	680 - 660 [2)]	kg/m³	EN 323
Flexural strength	11 [2)]					N/mm²	EN 310
Modulus of elasticity (bending stiffness)	1,800 [2)]	1,800 [2)]	1,800 [2)]	1,600 [2)]	1,600 [2)]	N/mm²	EN 310
Internal bond	0.4 [2)]	0.4 [2)]	0.4 [2)]	0.35 [2)]	0.35 [2)]	N/mm²	EN 319
Surface soundness	0.8 [2)]					N/mm²	EN 311

[1)] If symmetrical construction
[2)] Core material

Specification					Unit	Test standard
Nominal thickness	**19**	**22**	**25**	**28**	**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
Resistance to scratching	≥ 3.5				N	in accordance with EN 15186 / Method B
Resistance to microscratching	1				Class	DIN CEN/TS 16611, IHD-W-466 / Method A
Cross-cut test	≤ 1				Specific value	EN ISO 2409
Chemical resistance	1B				Durability class	DIN 68861-1
Surface gloss	≤ 5 / 60°					EN 13722
Behavior at abrasion	2A				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	7C (100 °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 mm² 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 m² is permissible. The total number of defects allowed per board may be concentrated in one area or split across several defects.					AMK-MB-009
Reaction to fire	normally flammable					
Reaction to fire (Euroclass)	D-s2,d0	D-s2,d0	D-s2,d0	not classified		EN 13986 (CWFT) dependent on end use
Formaldehyde emission class	E1 E05 TSCA Title VI					EN 717-1

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Specification					Unit	Test standard
Nominal thickness	**19**	**22**	**25**	**28**	**mm**	
Mean density	680 - 660 [2)]	630 - 610 [2)]	630 - 610 [2)]	600 - 580 [2)]	kg/m³	EN 323
Flexural strength	11 [2)]	10.5 [2)]	10.5 [2)]	9.5 [2)]	N/mm²	EN 310
Modulus of elasticity (bending stiffness)	1,600 [2)]	1,500 [2)]	1,500 [2)]	1,350 [2)]	N/mm²	EN 310
Internal bond	0.35 [2)]	0.3 [2)]	0.3 [2)]	0.25 [2)]	N/mm²	EN 319
Surface soundness	0.8 [2)]				N/mm²	EN 311

[1)] If symmetrical construction
[2)] Core material

Additional information

Product standard	• in accordance with EN 14322
Areas of application	• Exclusive interior and project fixtures and fittings, living room and bedroom furniture / sliding doors furniture and kitchen fronts.
Core material	• ClassicBoard P2 HD TSCA • Urea-formaldehyde resin bonded particleboard, Type P2 according to EN 312, high-density and with improved surface properties.
Product safety	• This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered. • We manufacture the panels without the use of organohalogens, heavy metals, preservatives, wood protectors or organic solvents.

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Special	• The lacquering can be applied on one or both sides. • Please comply with information for PrimeBoard XTreme Collection • The main quality features of PrimeBoard XTreme SuperMatt 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). • We recommend use in indoor areas with normal climatic conditions, i.e. with a relative humidity of 40 – 60 % and natural daylight. In buildings with ventilation technology, the normal climate must be permanently maintained by means of appropriate ventilation. • All stated technical values apply only in moderate climate zones with room temperatures of max. 35°C. • Under unfavourable climatic conditions, such as temperatures above 35°C, complete darkness and very high humidity, coated products may develop a slight dark yellowing. This is reversible by UV irradiation, but a complete restoration of the original colour is not guaranteed. We accept no liability for this process and the resulting colour changes. • PrimeBoard XTreme is supplied chamfered on all sides. Before further processing a trimming cut is necessary. • Eco-label "Blue Angel" in thicknesses up to 25 mm.
Disposal	• PrimeBoard XTreme SuperMatt is classified in waste wood class A2. The known disposal regulations regarding material and energy recovery apply.
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

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