

technical data

Pfleiderer PrimeBoard XTreme matt | XTreme highgloss



Pfleiderer PrimeBoard is a decorative wood-based material with a high-class and innovative multi-layer lacquering made of PUR HotCoating functional layer and UV-hardening acrylic lacquer.

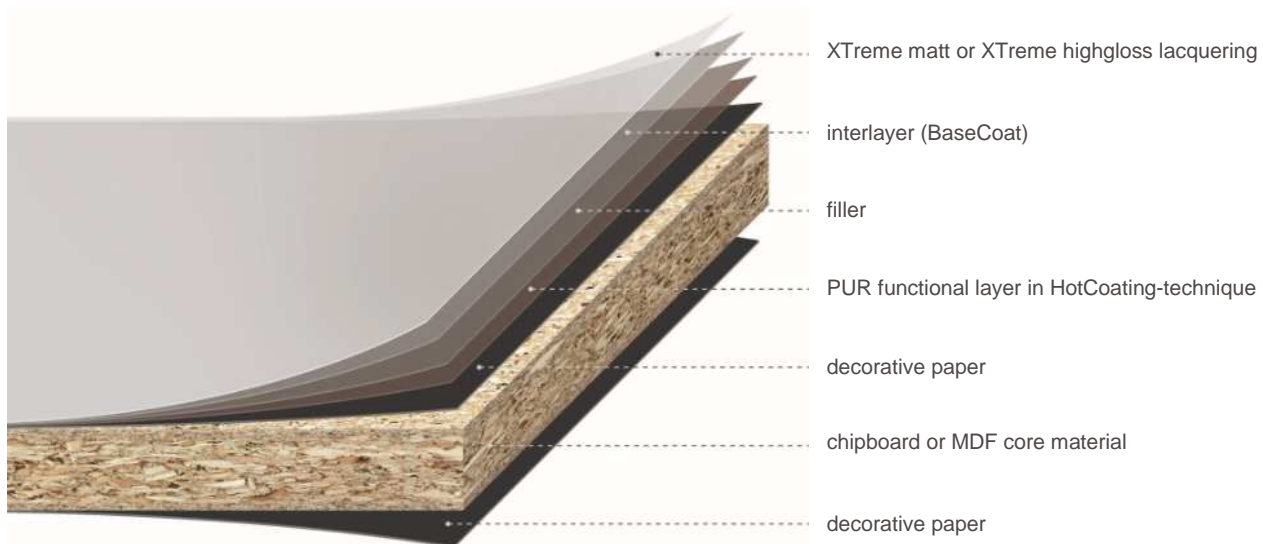
fields of application:

- kitchen fronts
- exclusive interior design / shop fitting
- living & bedroom furniture / e. g. sliding doors
- bathroom furniture

product properties:

- ✓ superb processability
- ✓ high surface resistance
- ✓ highly economical
- ✓ colour fastness
- ✓ easy to clean
- ✓ optimal & waste-reducing size
- ✓ solvent-free coating
- ✓ ideal product match to DecoBoard and Duropal HPL
- ✓ precious surface look-and-feel
- ✓ PEFC or FSC-certification available

Size	2.800 x 2.100 mm available from February 2018
core material	ClassicBoard P2 StyleBoard MDF Alternative core material (incl. CARB2) on request.
thickness	18* / 19* mm *main thickness / alternative thicknesses (range 8 – 38 mm) on request
lacquering	one- and two-sided
foil protection	Pfleiderer PrimeBoard is equipped with a protective peel-off foil. Pallets are wrapped with stretch-foil to minimise the ingress of moisture.



mechanical properties*

core material ClassicBoard P2 | StyleBoard MDF

	ClassicBoard P2 (19 mm)	StyleBoard MDF (19 mm)
Mean density (EN 323)	620 kg/m ³ - 640 kg/m ³	710 kg/m ³
Bending strength (EN 310)	≥ 11 N/mm ²	23 N/mm ²
Modulus of elasticity in bending (EN 310)	≥ 1600 N/mm ²	2200 N/mm ²
Internal bond (EN 319)	≥ 0,35 N/mm ²	0,53 N/mm ²
Surface soundness (EN 311)	≥ 0,8 N/mm ²	-
Moisture content past production (EN 322)	9 % ± 3 %	6 % ± 2 %
Class, formaldehyde release (EN 120)	E1	E1 / CARB2**
Tolerance on thickness (EN 324-1)	± 0,3 mm	± 0,2 mm
Tolerance on length and width (EN 324-1)	± 5 mm	± 5 mm
Brandverhaltensklasse (EN 13501-1)	D-s2, d0	D-s2, d0

*mean values

**according to CARB (California Air Resources Board) Phase 2 is fulfilled (≤ 0,11 ppm. ASTM 1333 E)

surface properties

PrimeBoard XTreme matt | PrimeBoard XTreme highgloss

surface properties	surface	test method	values
scratch resistance	matt	DIN 68861-4 DIN EN 15186	4B $\geq 2,0$ N
	highgloss		4C $\geq 1,5$ N
cross cut test	matt / highgloss	DIN EN ISO 2409	fulfilled
chemical resistance	matt / highgloss	DIN 68861-1 DIN EN 12720	class 1B level 5 (no changes/defects of surface)
gloss level	matt	DIN EN 14323	≤ 5 (60°)
	highgloss		≥ 90 (60°)
abrasion resistance	mat	DIN 68861-2 DIN EN 15185	2B > 350
	highgloss		2B > 350
light fastness	matt	EN 15187	≥ 6 blue scale > 4 grey scale
	highgloss		≥ 6 blue scale > 4 grey scale
resistance to cracks	matt / highgloss	EN 14323	level 5
dry heat behaviour	matt / highgloss	DIN 68861-7 / DIN EN 12722	70°
wet heat behaviour	matt / highgloss	DIN 68861-8 / DIN EN 12721	70°
surface defects	matt / highgloss	AMK-MB-009	fulfilled

Disposal

PrimeBoard is classified in waste wood disposal group A2 for which the standard regulations of disposal apply.

- Recycling of material
- Energetic utilization (combustion in appropriate plants from 50 kW according to 1. BImSchV (Federal Immission Control Act))

© Copyright 2017 Pfleiderer Deutschland GmbH / Pfleiderer Polska sp. z o.o.

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.