

## Technical data

### Pfleiderer PrimeBoard XTreme Matt | XTreme High Gloss



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

#### Areas of application:

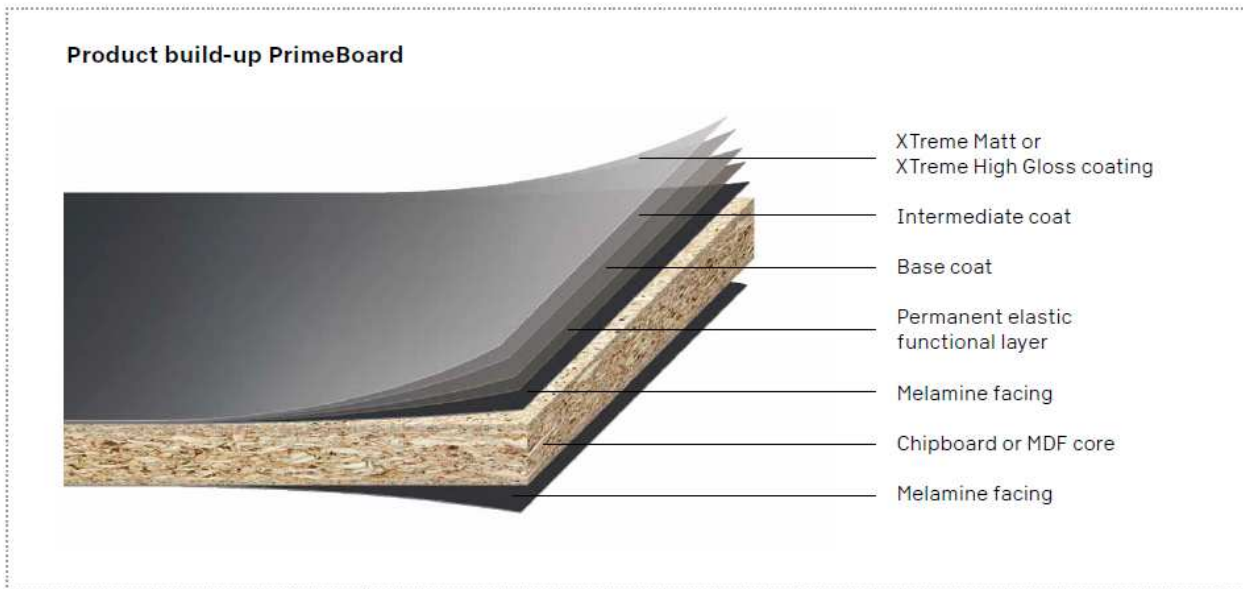
- Exclusive interior and project fixtures and fittings
- Living room and bedroom furniture / sliding doors
- Bathroom furniture and kitchen fronts

The lacquering is available in a matt and high gloss finish and recommended for vertical application.

#### Product properties:

- ✓ Elegant surface finish
- ✓ High colour stability
- ✓ Colour match with DecoBoard and Duropal HPL
- ✓ Easy to process
- ✓ Resistant and easy care
- ✓ Solvent-free
- ✓ Waste-efficient dimension 2,800 x 2,100 mm
- ✓ Highly cost-effective
- ✓ PEFC or FSC-certification available

<b>Size</b>	2,800 x 2,100 mm
<b>Core material</b>	ClassicBoard P2 StyleBoard MDF Alternative core material (incl. CARB2) on request
<b>Thicknesses</b>	10, 12, 16, 18*, 19*, 25 mm *main thickness / alternative thicknesses on request
<b>Lacquering</b>	one- and two-sided
<b>Foil protection</b>	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 <sup>3</sup> - 640 kg/m <sup>3</sup>	710 kg/m <sup>3</sup>
Bending strength (EN 310)	≥ 11 N/mm <sup>2</sup>	23 N/mm <sup>2</sup>
Modulus of elasticity in bending (EN 310)	≥ 1600 N/mm <sup>2</sup>	2200 N/mm <sup>2</sup>
Internal bond (EN 319)	≥ 0,35 N/mm <sup>2</sup>	0,53 N/mm <sup>2</sup>
Surface soundness (EN 311)	≥ 0,8 N/mm <sup>2</sup>	-
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 High Gloss

Property	Surface	Test method	values
Resistance to scratching	Matt	DIN 68861-4   DIN EN 15186	4B   $\geq 2,0$ N
	High Gloss		4C   $\geq 1,5$ N
Cross cut test	Matt / High Gloss	DIN EN ISO 2409	fulfilled
Chemical resistance	Matt / High Gloss	DIN 68861-1   DIN EN 12720	class 1B level 5 (no changes/defects of surface)
Gloss level	Matt	DIN EN 14323	$\leq 5$ (60°)
	High Gloss		$\geq 90$ (60°)
Resistance to abrasion	Matt	DIN 68861-2   DIN EN 15185	2B   $> 350$
	High Gloss		2B   $> 350$
Light fastness	Matt	EN 15187	$\geq 6$ blue scale $> 4$ grey scale
	High Gloss		$\geq 6$ blue scale $> 4$ grey scale
Resistance to cracking	Matt / High Gloss	EN 14323	level 5
Dry heat behaviour	Matt / High Gloss	DIN 68861-7 / DIN EN 12722	70°
Wet heat behaviour	Matt / High Gloss	DIN 68861-8 / DIN EN 12721	70°
Surface defects	Matt / High Gloss	AMK-MB-009	fulfilled

Due to the industrial manufacturing process and despite state-of-the-art production technology, it is not possible to produce an entirely faultless surface. Minor defects and surface irregularities are therefore allowed.

### 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))

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