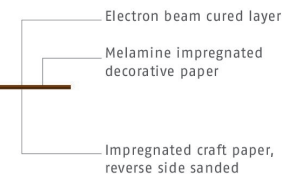


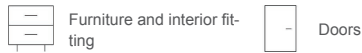
## Technical data

### Duropal XTreme

Decorative high pressure laminate in postforming quality in accordance with EN 438-3:HGP/VGP, with robust, electron beam cured surface and sanded reverse. Duropal XTreme is an attractive supermatt surface material with an anti-fingerprint effect, which is one of the few products of its kind that is postformable.



#### Applications



#### Properties



#### Certificates



Specification			Unit	Test standard
Nominal thickness	0.6	0.8	mm	
Tolerance on thickness		± 0.1	mm	EN 438-2
Tolerance on length		+ 10	mm	EN 438-2
Tolerance on width		+ 10	mm	EN 438-2
Surface defects		max. 1 <sup>1)</sup> max. 10 <sup>2)</sup>	mm <sup>2</sup> /m <sup>2</sup> mm/m <sup>2</sup>	EN 438-2
Edge defects		max. 20	mm	EN 438-2
Straightness of edges		max. 1.5	mm/m	EN 438-2
Squareness		max. 1.5	mm/m	EN 438-2
Flatness (length)		max. 60	mm/m	EN 438-2
Density		min. 1,350	kg/m <sup>3</sup>	EN ISO 1183-1
Dimensional stability at elevated temperature (length)		max. 0.55	%	EN 438-2
Dimensional stability at elevated temperature (width)		max. 1.05	%	EN 438-2
Resistance to wet heat, 100 °C (other finishes)		min. 4	rating	EN 438-2
Resistance to dry heat, 160 °C (other finishes)		min. 4	rating	EN 438-2
Resistance to water vapour (other finishes)		min. 4	rating	EN 438-2
Resistance to surface wear		min. 150	cycles	EN 438-2
Resistance to scratching (smooth finishes)		min. 3	rating	EN 438-2
Resistance to impact (small diameter ball)		min. 20 <sup>3)</sup>	N	EN 438-2
Stain resistance (groups 1 & 2)		min. 5	rating	EN 438-2
Stain resistance (group 3)		min. 4	rating	EN 438-2

## Technical data

### Duropal XTreme

Specification			Unit	Test standard
Nominal thickness	0.6	0.8	mm	
Resistance to colour change (xenon arc light)	4 to 5 Grey Scale Grade			EN 438-2
Reaction to fire	normally flammable			
Reaction to fire (Euroclass)	Euroclass D-s2,d0 or worse in connection with normally and easily inflammable core boards.			EN 13501-1, CWFT acc. to 2003/593/EG
Formaldehyde emission class	E1 E05			EN 717-1
Formability (length)	min. 10 x t <sup>4)</sup>			EN 438-2
Formability (width)	Not determined, processing tests are to be carried out.			

<sup>1)</sup> Dirt, spots and similar surface defects

<sup>2)</sup> Fibres, hairs and scratches

<sup>3)</sup> No surface damage according to the standard; optical change of the surface (>10 N) possible

<sup>4)</sup> t = nominal thickness

#### Additional information

Product standard	<ul style="list-style-type: none"> <li>in accordance with EN 438-3</li> </ul>
Areas of application	<ul style="list-style-type: none"> <li>Attractive surface material, appropriate for surface and edge applications providing the high-performance features of the well-known Duropal HPL products. Duropal XTreme may be used vertically as well as horizontally.</li> </ul>
Product safety	<ul style="list-style-type: none"> <li>This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered.</li> <li>The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011.</li> <li>We manufacture the panels without the use of halogens, heavy metals, preservatives, wood protectors or organic solvents.</li> </ul>
Special	<ul style="list-style-type: none"> <li>The smoother the structure and the the darker the decor, the more sensitive it is to stains.</li> <li>Due to a low orientation of the electron beam cured surface the field of application, the conditions of space lighting and the décor may cause certain optical effects. This is a result of the production methods and does not constitute a quality defect.</li> <li>Depending on the decor and surface texture, slightly different surface visual impressions can result between cut panels viewed from different angles. This is a result of the production methods and does not constitute a quality defect.</li> <li>Especially for large applications, we recommend paying attention to the colour and texture uniformity of the boards and cut products used when further processing and installing and that the production direction is taken into account.</li> <li>To avoid any possible aesthetic and optical impairments, the orientation of the boards specified on the protection film of the product must strictly be followed, especially for large-surface applications.</li> <li>Duropal XTreme doesn't prevent scratches, but allows horizontal application!</li> <li>For decors, see Duropal XTreme stock collection. Other decors possible on request.</li> <li>Classification HGP / HGS / HGF is achieved with the surface textures recommended for horizontal applications. Requirements of classification VGP / VGS / VGF are met by all surface textures. Please refer to our sales documentation, to check which textures are available for this product.</li> </ul>
Note	<ul style="list-style-type: none"> <li>FSC certification or PEFC certification available on request.</li> <li>FSC license code: FSC® C011773</li> <li>PEFC license code: PEFC/04-32-0828</li> </ul>
Colour and surface match	<ul style="list-style-type: none"> <li>Decor, structure and core board all influence the final appearance of the end product.</li> <li>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.</li> <li>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.</li> <li>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.</li> </ul>

## Technical data

### Duropal XTreme

Further information on products, formats and decor/structure combinations is available at [www.pfleiderer.com](http://www.pfleiderer.com)

© Copyright 2023 Pfleiderer Deutschland GmbH

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.

You can find our general terms and conditions on our webpage: [www.pfleiderer.com](http://www.pfleiderer.com)

---

**Pfleiderer Deutschland GmbH**

Ingolstädter Str. 51  
92318 Neumarkt  
Germany

phone +49 (0) 91 81 28 48 0  
Fax +49 (0) 91 81 28 48 2  
[info@pfleiderer.com](mailto:info@pfleiderer.com)  
[www.pfleiderer.com](http://www.pfleiderer.com)