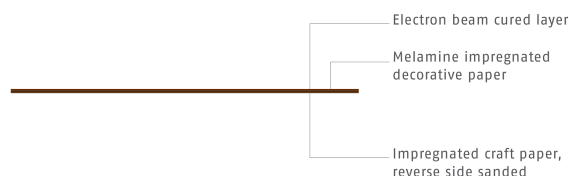


## Technical data

### Duropal XTreme

Decorative high pressure laminate in postforming quality based on EN 438-3:HGP/VGP, with robust, electron beam cured surface and sanded reverse.



Specification			Unit	Standard
Nominal thickness	0.6	0.8	mm	
Tolerance on thickness	± 0.1		mm	EN 438-2:2016
Tolerance on length	+ 10		mm	EN 438-2:2016
Tolerance on width	+ 10		mm	EN 438-2:2016
Surface defects	max. 1 <sup>1)</sup> max. 10 <sup>2)</sup>		mm <sup>2</sup> /m <sup>2</sup> mm <sup>2</sup> /m <sup>2</sup>	EN 438-3:2016
Edge defects	max. 20		mm	EN 438-3:2016
Straightness of edges	max. 1.5		mm/m	EN 438-2:2016
Squareness	max. 1.5		mm/m	EN 438-2:2016
Flatness	max. 60		mm/m	EN 438-2:2016
Density	min. 1,350		kg/m <sup>3</sup>	EN ISO 1183-1
Dimensional stability at elevated temperature (length)	max. 0.55 <sup>3)</sup> max. 0.75 <sup>4)</sup>		%	EN 438-2:2016
Dimensional stability at elevated temperature (width)	max. 1.05 <sup>3)</sup> max. 1.25 <sup>4)</sup>		%	EN 438-2:2016
Resistance to wet heat, 100 °C (smooth finishes)	min. 3		rating	EN 438-2:2016
Resistance to dry heat, 160 °C (smooth finishes)	min. 3		rating	EN 438-2:2016
Resistance to water vapour (smooth finishes)	min. 3		rating	EN 438-2:2016
Resistance to immersion in boiling water (smooth finishes)	min. 3		rating	EN 438-2:2016
Resistance to surface wear	min. 50 <sup>4)</sup> min. 150 <sup>3)</sup>		cycles	EN 438-2:2016
Resistance to scratching (smooth finishes)	min. 3 <sup>3) 4)</sup>		rating	EN 438-2:2016
Resistance to impact (small diameter ball)	min. 15 <sup>4)</sup> min. 20 <sup>3)</sup>		N	EN 438-2:2016
Stain resistance (groups 1 & 2)	min. 5		rating	EN 438-2:2016
Stain resistance (group 3)	min. 4		rating	EN 438-2:2016
Light fastness (xenon arc)	4 to 5 grey scale rating			EN 438-2:2016
Fire behavior	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			EN 717-1
Formability (length)	min. 10 x t <sup>5)</sup>			EN 438-2:2016
Formability (width)	Not determined, processing tests are to be carried out.			EN 438-2:2016

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

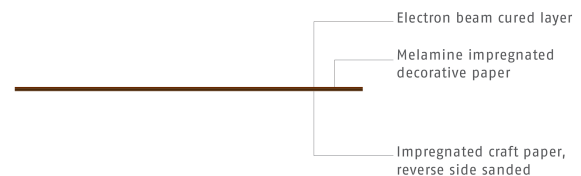
<sup>2)</sup> Fibres, hairs and scratches

<sup>3)</sup> Classification HGP

## Technical data

### Duropal XTreme

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<sup>4)</sup> Classification VGP

<sup>5)</sup> t = nominal thickness

#### Additional information

Product standard	<ul style="list-style-type: none"> <li>produced acc. to 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 wellknown Duropal HPL products. Duropal XTreme may be processed vertically as well as horizontally.</li> </ul>
Product safety	<ul style="list-style-type: none"> <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> <li>This product is following the REACH regulation EC 1907/2006 an article. Following Article 7 it needs not to be registered.</li> </ul>
Special	<ul style="list-style-type: none"> <li>FSC<sup>®</sup>-certification (license code: FSC-C011773) or PEFC-certification (license code: PEFC/04-32-0828) - available on request.</li> <li>For decors, see Duropal XTreme HPL stock collection. Other decors possible on request.</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>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>The smoother the structure and the the darker the decor, the more sensitive it gets to stains.</li> <li>Duropal XTreme doesn't prevent scratches, but allows horizontal application! Mechanical influences on the surface texture will mean that scratches will be more noticeable on dark or darker decors. Regardless of the decor, users should carry out their own tests – prior to application – before use.</li> </ul>

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