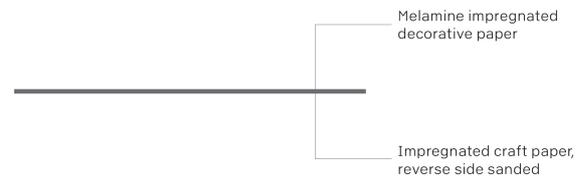


## Technical data

### Duropal HPL SolidColor

Decorative high-pressure laminate in standard quality according to EN 438-9:BTS, with uniform colour through core for the highest demands on aesthetics, functionality and durability. The reverse is sanded ready for gluing.



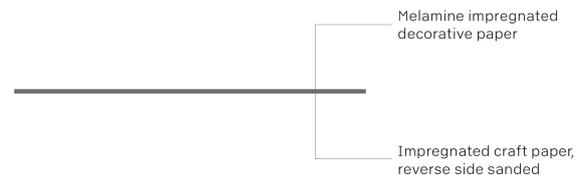
Specification			Unit	Standard
<b>Nominal thickness</b>	<b>0.8</b>	<b>1.2</b>	<b>mm</b>	
Tolerance on thickness	± 0.15	± 0.18	mm	EN 438-2:2016
Tolerance on length		+ 10	mm	EN 438-2:2016
Tolerance on width		+ 10	mm	EN 438-2:2016
Surface defects		max. 1 <sup>1)</sup> max. 10 <sup>2)</sup>	mm <sup>2</sup> /m <sup>2</sup> mm <sup>2</sup> /m <sup>2</sup>	EN 438-9:2017
Edge defects		max. 20	mm	EN 438-9:2017
Straightness of edges		max. 1.5	mm/m	EN 438-2:2016
Squareness		max. 1.5	mm/m	EN 438-2:2016
Flatness		max. 100	mm/m	EN 438-2:2016
Density		min. 1,400	kg/m <sup>3</sup>	EN ISO 1183-1
Dimensional stability at elevated temperature (length)		max. 0.8	%	EN 438-2:2016
Dimensional stability at elevated temperature (width)		max. 1.4	%	EN 438-2:2016
Resistance to dry heat, 160 °C (smooth finishes)		min. 3	rating	EN 438-2:2016
Resistance to dry heat, 160 °C (textured finishes)		min. 4	rating	EN 438-2:2016
Resistance to water vapour (smooth finishes)		min. 3	rating	EN 438-2:2016
Resistance to water vapour (textured finishes)		min. 4	rating	EN 438-2:2016
Resistance to immersion in boiling water (smooth finishes)		min. 3	rating	EN 438-2:2016
Resistance to immersion in boiling water (textured finishes)		min. 4	rating	EN 438-2:2016
Resistance to surface wear		min. 150	cycles	EN 438-2:2016
Resistance to scratching (smooth finishes)		min. 2	rating	EN 438-2:2016
Resistance to scratching (textured finishes)		min. 3	rating	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)		min. 4 grey scale rating <sup>3)</sup> min. 3 grey scale rating <sup>4)</sup>		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)		The material is not suitable for post forming.		
Formability (width)		The material is not suitable for post forming.		

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

## Technical data

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- 2) Fibres, hairs and scratches  
 3) Texture  
 4) Core layers

#### Additional information

Product standard	<ul style="list-style-type: none"> <li>EN 438-9</li> </ul>
Areas of application	<ul style="list-style-type: none"> <li>The colour through core creates the freedom of a monochrome design without visible edges or joints. For high-quality, aesthetically demanding furniture and design elements in the residential and interior design sector, such as for racking and shelving, furniture fronts, door sets and table tops, trade fair systems and sales displays. The material is not suitable for areas subject to large fluctuations in temperature and humidity.</li> </ul>
Product safety	<ul style="list-style-type: none"> <li>The decorative surface and the core consists of paper layers that are impregnated with thermosetting resins. The resins harden completely during the manufacturing process by heat and high pressure. They form a stable, resistant and non-reactive material.</li> <li>The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011.</li> <li>This product is following the REACH regulation EC 1907/2006 an article. Following Article 7 it needs not to be registered.</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>FSC®-certification (license code: FSC-C011773) or PEFC-certification (license code: PEFC/04-32-0828) - available on request.</li> <li>Please note that due to their material composition, through-dyed laminates are somewhat harder and more brittle than classic laminates with dark phenol resin core and are subject to marked warp in the event of climate fluctuations.</li> <li>Due to the through-dyed core of the material, slight colour variations to other products cannot be avoided.</li> <li>Depending on the decor and surface texture, slightly different surface visual impressions can result between format boards viewed from different angles. This is a result of the production methods and does not constitute a quality defect.</li> <li>The material must not be exposed to heat influences by light- or heat radiation which will increase the surface temperature to more than 50°C.</li> </ul>

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