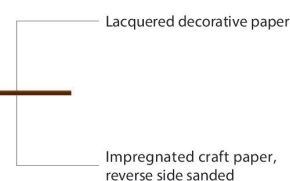


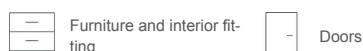
Technical data

Duropal HPL XTreme plus

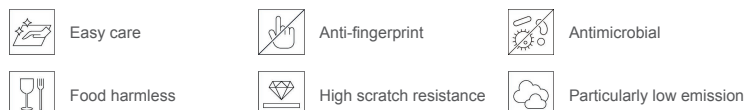
Decorative high-pressure laminate in standard quality in accordance with EN 438-3:HGS/VGS, with robust lacquered surface and sanded reverse. Duropal HPL XTreme plus is an attractive supermatt surface material with an anti-fingerprint effect, which is ideal for horizontal, heavily-used surfaces.



Applications



Properties



Certificates



Specification		Unit	Test standard
Nominal thickness	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 ¹⁾ max. 10 ²⁾	mm ² /m ² mm/m ²	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 ³	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 surface wear	min. 400	cycles	EN 438-2
Resistance to scratching (smooth finishes)	min. 4	rating	EN 438-2
Resistance to impact (small diameter ball)	min. 20	N	EN 438-2
Stain resistance (groups 1 & 2)	min. 5	rating	EN 438-2
Stain resistance (group 3)	min. 5	rating	EN 438-2
Resistance to colour change (xenon arc light)	4 to 5 Grey Scale Grade		EN 438-2
Reaction to fire	normally flammable		

Technical data

Duropal HPL XTreme plus

Specification		Unit	Test standard
Nominal thickness	0.8	mm	
Reaction to fire (Euroclass)	Euroclass D-s2,d0 or worse in connection with normally and easily inflammable core boards.		EN 13501-1, CWFT conforming to 2003/593/EG
Formaldehyde emission class	E1 E05		EN 717-1
Formability (length)	The material is not suitable for post forming.		EN 438-2
Formability (width)	The material is not suitable for post forming.		

¹⁾ Dirt, spots and similar surface defects

²⁾ Fibres, hairs and scratches

Additional information

Product standard	in accordance with EN 438-3
Areas of application	Attractive surface material, appropriate for surface and edge applications providing the high-performance features of the well-known Duropal HPL products. Duropal HPL XTreme plus is suitable for vertical applications as well as for horizontal, heavily-used contact surfaces.
Product safety	- This product follows the REACH regulation EC 1907/2006 an article. Following Article 7 it does not need to be registered. - The surface is physiologically safe, and approved for direct contact with food acc. to Regulation (EU) No. 10/2011. - We manufacture the panels without the use of organohalogens, heavy metals, preservatives, wood protectors or organic solvents.
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Special	- The smoother the structure and the the darker the decor, the more sensitive it is to stains. - Due to a low orientation of the lacquered surface the field of application, the conditions of lighting and the decor may cause certain optical effects. This is a result of the production methods and does not constitute a quality defect. - 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. - 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. - 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. - XTreme plus doesn't prevent scratches, but allows horizontal application! - 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.
Note	- FSC certification or PEFC certification available on request. - FSC license code: FSC® C011773 - PEFC license code: PEFC/04-32-0828
Colour and surface match	- Decor, structure and core board all influence the final appearance of the end product. - 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. - 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. - 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.

Technical data

Duropal HPL XTreme plus

Further information on products, formats and decor/structure combinations is available at www.pfleiderer.com

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