

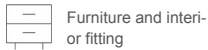
Technical data

Duropal Element Individual Motiv P2

Flat bonded element with individually digitally printed motifs made from a particleboard core, Type P2 to EN 312, surfaced with Duropal HPL Individual Motiv, reverse side white. Our well-known Individual world from just 1 piece upwards, where your image files can be used as a motif.



Applications



Furniture and interior fitting

Properties



Individually designed



Easy care



Antimicrobial



Food harmless



Particularly low emission

Certificates



Specification			Unit	Test standard
Nominal thickness	18.4	21.4	mm	
HPL-thickness in mm	1.2	1.2	mm	
Design front edge	not processed			
Design rear edge	not processed			
Tolerance on thickness	± 0.5		mm	ISO 13894-1
Tolerance on length	± 5		mm	ISO 13894-1
Tolerance on width	± 5		mm	ISO 13894-1
Surface defects - HPL	max. 1 ¹⁾ max. 10 ²⁾		mm ² /m ² mm/m ²	EN 438-3:2016
Straightness of edges	± 0.5		mm	ISO 13894-1
Squareness	≤ 2		mm/m	ISO 13894-1
Flatness (length)	≤ 2		mm/m	ISO 13894-1
Flatness (width)	≤ 2		mm/m	ISO 13894-1
Resistance to wet heat, 100 °C (smooth finishes) - HPL	min. 3		rating	EN 438-2:2016
Resistance to wet heat, 100 °C (textured finishes) - HPL	min. 3		rating	EN 438-2:2016
Resistance to dry heat, 160 °C (smooth finishes) - HPL	min. 3		rating	EN 438-2:2016
Resistance to dry heat, 160 °C (textured finishes) - HPL	min. 3		rating	EN 438-2:2016
Resistance to water vapour (smooth finishes) - HPL	min. 1		rating	EN 438-2:2016
Resistance to water vapour (textured finishes) - HPL	min. 1		rating	EN 438-2:2016
Resistance to surface wear - HPL	min. 50 ³⁾ min. 150 ⁴⁾		cycles	EN 438-2:2016
Resistance to scratching (smooth finishes) - HPL	min. 2		rating	EN 438-2:2016

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Specification			Unit	Test standard
Nominal thickness	18.4	21.4	mm	
HPL-thickness in mm	1.2	1.2	mm	
Resistance to scratching (textured finishes) - HPL	min. 2		rating	EN 438-2:2016
Resistance to impact (small diameter ball)	≥ 15		N	ISO 13894-1
Stain resistance (groups 1 & 2) - HPL	min. 5		rating	EN 438-2:2016
Stain resistance (group 3) - HPL	min. 4		rating	EN 438-2:2016
Resistance to colour change (xenon arc light) - HPL	4 to 5 Grey Scale Grade			EN 438-2:2016
Reaction to fire	normally flammable			
Reaction to fire (Euroclass)	D-s2,d0			EN 13501-1, CWFT acc. to 2003/593/EG
Formaldehyde emission class	E1 E05			EN 717-1
Mean density	640 - 620 ⁵⁾		kg/m ³	EN 323
Bending strength - Raw core materials	11 ⁵⁾		N/mm ²	EN 310
Modulus of elasticity (bending stiffness) - Raw core materials	1,600 ⁵⁾		N/mm ²	EN 310
Internal bond - Raw core materials	0.35 ⁵⁾		N/mm ²	EN 319
Surface soundness - Raw core materials	0.8 ⁵⁾		N/mm ²	EN 311
Durability - Water resistance	≤ 15		%	ISO 13894-1
Resistance to fixings (face)	≥ 1,500		N	ISO 13894-1
Resistance to fixings (edge)	≥ 500		N	ISO 13894-1
Bonding strength	≥ 0.6		N/mm ²	ISO 13894-1
Flexural tensile strength	≥ 0.6		N/mm ²	ISO 13894-1
Durability - Glue-line quality	≥ 3		rating	EN 438-7:2005
Durability - Resistance to elevated temperature	no effect			ISO 13894-1

¹⁾ Dirt, spots and similar surface defects

²⁾ Fibres, hairs and scratches

³⁾ Classification VGP

⁴⁾ Classification HGP

⁵⁾ Core material

Additional information

Product standard	<ul style="list-style-type: none"> EN 13894-1
Areas of application	<ul style="list-style-type: none"> Individual furniture and interior design elements, wall coverings, partition elements, etc. in the creative interior design and object business. The material is suitable for use at trade fairs and events, in shops and stores, in restaurants, in hotels, in educational and recreational facilities, doctors' surgeries and clinics. The material is not suitable for permanent use outdoors.
Core material	<ul style="list-style-type: none"> ClassicBoard P2 Urea resin-bonded particleboard, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.
Product safety	<ul style="list-style-type: none"> 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.

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Antimicrobial effect	<ul style="list-style-type: none"> • Surface with antimicrobial effect in 24h for interior fit-out and finishes - Test Methodology JIS Z 2801 / ISO 22196
Special	<ul style="list-style-type: none"> • The motif cutting marks are not binding; therefore, each motif format must be checked before cutting to size. • Assignment of the motifs parallel with the edge of the coreboard is not possible for production reasons. • Cut to size is not available. • Standard delivery without protective film. • If possible, each motif is produced around the circumference with an overfill of approx. 15 mm and accordingly cutting marks are set. • No guarantee of stability can be given for uneven constructions. • Further core boards on request. • 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. • Because for production technical reasons there can be slight colour variations of the coloured core. • Colour differences can occur in follow-up production lots. • Material from different colour batches can have different colouring. • Material from different colour batches can have different colouring since it is a natural material. Especially light designs can have so called dry chamber film. However, this film will disappear when exposed to light. • The coarser the structure and the lighter the decor, the greater the scratch resistance. • Classification HGP / HGF is achieved with the surface textures recommended for horizontal applications. Requirements of classification VGP / VGF are met by all surface textures. Please refer to our sales documentation, to check which textures are available for this product.
Note	<ul style="list-style-type: none"> • FSC certification or PEFC certification available on request. • FSC license code: FSC® C011773 • PEFC license code: PEFC/04-32-0828
Colour and surface match	<ul style="list-style-type: none"> • 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.

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

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