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info@pfleiderer.co.uk
www.pfleiderer.co.uk



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Sample Service
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Our General Terms and Conditions can be found on our Internet website: www.pfleiderer.com

Pfleiderer employs wood from certified sustainable forest management.



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DUROPAL

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 PFLEIDERER

Pfleiderer Individual

The solution for creative designers

New!
Now also
available as
DecoBoard!

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Express your creativity. With your very own decor.

Pfleiderer Individual is the solution for all creative designers: You design your own decor, we create it with the help of state-of-the-art digital printing technology. Photo, illustration, company logo or motto – anything is possible. And on any required core material, regardless of whether as a high-quality HPL or as a melamine faced DecoBoard in direct coating. The Pfleiderer product range also has optimal solutions for special requirements such as wet rooms, doctors' practices or laboratories. Robust, easy-care, scratch resistant, hygienic and food-safe, the finished board leaves nothing to be desired. You can achieve an even more decorative effect with a suitable authentic wood texture.

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Your advantages at a glance:

- Design freedom for creative projects
- Large textural diversity: Gloss, matt, wood, pearl and hand-made textures
- Your motif available as HPL and as melamine faced DecoBoard too
- Minimum order quantity of 1 board only
- Can be combined with over 300 decors from the DST flat-bonded collection
- Large number of core variants, matched to your uses

Inspirations

With Pfleiderer Individual printing there are no limits to creativity and individuality. Let yourself be inspired. The possible applications are virtually limitless: Shopfitting, trade fair stands, boatbuilding, caravans, hotels, spas, medical centres, offices and living spaces. You will find the right, individually tailored product for every requirement.

Paediatrician's practice, Düsseldorf

© Holger Knauf, Düsseldorf



Hölderlin secondary school, Lauffen am Neckar

© Dietmar Strauß, Besigheim



Grammar school, Grünwald

© Eberhard Franke Fotografie



Rothschild Börsenplatz office building, Frankfurt

© Installer Schäfer Trennwandsysteme GmbH, www.schaefer-tws.de



Lycéé Technique, Belval

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Stereo Cafe, Munich

© ARNOLD / WERNER, fantomas.de



Kindergarten



Hotel Lago, Ulm

© Designbüro Bauer GmbH & Co. KG, rupf. innenarchitektur gmbh



It's so easy to get to your required motif.

"Individual" from the outset – the product for the whole interior: Our digital printing experts have a wealth of experience acquired over many years and are there to assist you with your project from the initial contact through to delivery.



1. The motif

You create your own personal motif. It can be your own photos, logos, illustrations, texts or compositions of these. For ideas, simply ask us about the Pfleiderer data pool, which you are free to use. We also offer you assistance from our own in-house graphic designers: Changes in colour, format, scales or completely new designs to your own ideas are possible. There are no limits to creativity. Several motif parts on a board can be implemented easily, as well as a large multi-part motif.

Contact us! We can help you to realise your own individual motif.



2. The print

After you have submitted your print data, it is checked and prepared by Pfleiderer's experts. Your motif is printed digitally within the CMYK colour space. Colour adjustment to other colour systems (e.g. RAL, NCS, Pantone, HKS, etc.) is therefore only conditionally possible; the same applies to an approximation to the Pfleiderer plain colours. The quality of your Pfleiderer Individual decor depends on the quality of the print data you provide us with.



3. The core board

The motif is applied to the required coreboard. Melamine faced DecoBoard with a printable width of 2050 mm enables a large design with minimum offcuts. HPL is characterised by its scratch and impact resistance and is also suitable for horizontal applications. A material mix made up of melamine faced DecoBoard, HPL, compact laminate and flat-bonded elements is also possible. We will be pleased to advise you on the choice of the correct texture for your motif.

What data is required?

Pixel data is the name given to image data which is made up of individual image dots (pixels). To obtain a high-quality reproduction of such data, a certain resolution is required, so that the motif appears sharp and clear from a certain distance.

Vector data, mostly logos or graphics, do not consist of individual image dots, but mathematical functions instead. The advantage of this is that despite a relatively small quantity of data, the data is continuously scale-able without quality loss.

Pixel data

- Possible data formats: TIFF, PSD, JPG (note compression!), EPS and PDF
- The data should be created at scale to the end format. Please always notify us of this scale. We recommend scale 1:5 with a resolution of 750 dpi.
Other scales are also possible, but please note the resolution relative to the scale.
Example: scale 1:10 – resolution 1,500 dpi
or scale 1:1 – resolution 150 dpi
- The data must be created in CMYK colour space to the current ISO standard for coated paper. (European ISOcoated Fogra27, ISOcoated, ISOcoated v2)
- It is important to ensure that the data does not contain any alpha channels or cropping/clipping paths and is not saved with LZW or JPG compression (loss of quality!).

Data example:

With a board size 2,000 x 2,700 mm at scale 1:5, i.e. 400 x 540 mm, and a resolution of 750 dpi, the resulting file has 11,811 x 15,945 pixels, which requires approx. 718 MB memory. The memory required does not change if you create the same image in 1:1 with 150 dpi.

Vector data

- Possible data formats: AI, EPS and PDF
- Vector data has no resolution and can therefore be scaled continuously. If you work with a scale, please let us know what it is.
- The data must be created in CMYK colour space to the current ISO standard for coated paper. (European ISOcoated Fogra27, ISOcoated, ISOcoated v2)
- Special colours are implemented in the print according to the process colours. Please state the colours, preferably in Pantone or HKS. Details in RAL or NCS are also possible. Please note that special colours are always set up as a process and a one hundred percent match is not always possible. We will be pleased to create a sample for you.

Our maximum board print format for HPL, compact boards and flat-bonded elements is 2,000 x 2,700 mm, and 2,050 x 2,750 mm for DecoBoard. Larger motifs must be tiled accordingly. We can also carry out this tiling for you by arrangement. The quality of your individual decor is especially dependent on good digital data. We will therefore be pleased to help you to create or reprocess your data, should it not satisfy the requirements profile. Please also feel free to contact us if you have any questions regarding the processing of your individual order.

A cutting plan is needed if a large motif is divided between several boards. A 15 mm overlap is necessary at the cutting lines to allow sufficient clearance for the trimmings.



Due to the production methods, slight differences in the dimensional accuracy can occur (shrinkage). To ensure you nonetheless obtain your required end format, we produce each motif with a standard all-round overfill of approx. 15 mm and corresponding cutting marks. For production reasons it is possible that the print area is not parallel with the edge of the board.

Overview of surfaces

- 6 structures in a wide variety of appearances
- High gloss in perfection
- Timeless matt texture
- Nature-identical wood pores
- The texture classics:
 Pearl and hand-made textures



HG High gloss



AH
wood pore



NH
Natural wood pore



HG
High gloss



SM
Semi Matt



WV
Top Velvet



MP
Miniperl

DecoBoard



- Now also using the direct coating method
- High-quality melamine resin direct lamination to both sides
- coated on one side with your individual motif
- Available with an extensive range of different core materials
- good machinability and workability
- produced based on EN 14322
- easy to clean, hygienic, foodsafe, decorative



DecoBoard Individual

Melamine facing on different core materials with individual digital print motifs. The upper side is covered with a digital print, the standard reverse is white.

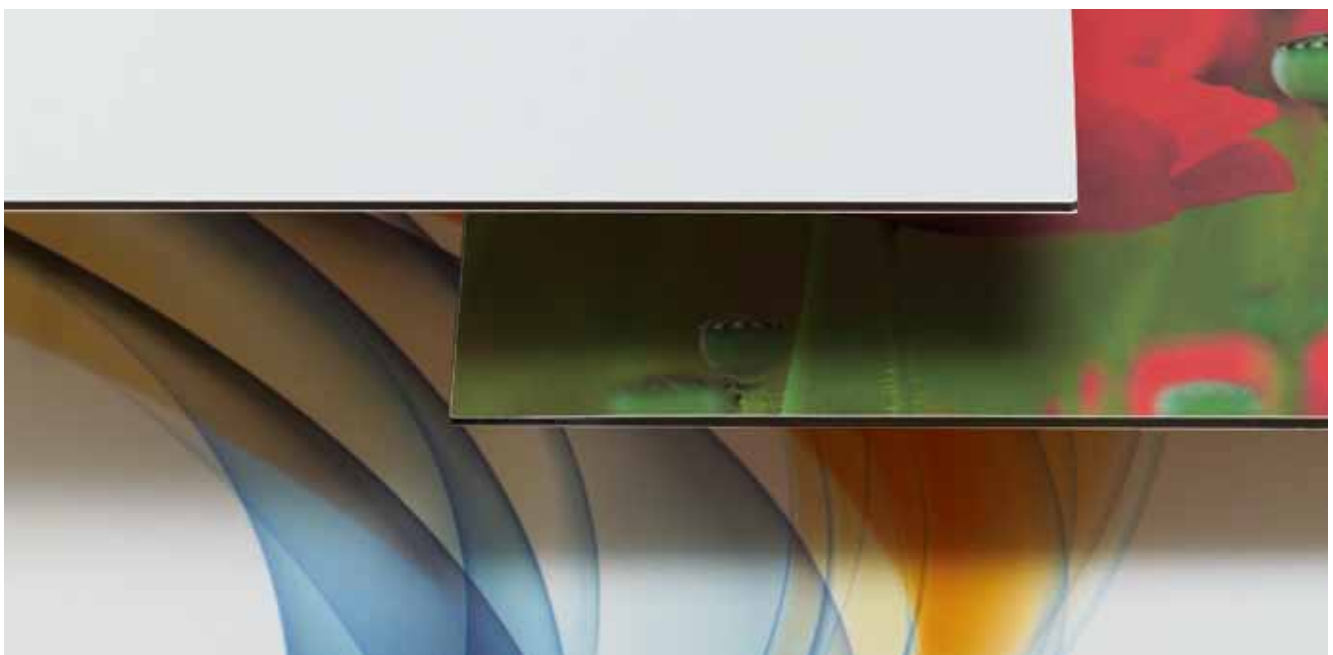
Area of application: Individual furniture and built-in elements, wall coverings, partition elements, can mainly be used vertically. In creating interior finishes and projects business, for trade fairs and events, in shops and stores, in catering, hotels and cruise ships, in educational and leisure facilities, medical centres and clinics as well as numerous other applications.

Format in mm	Textures	Thickness in mm							
		16	18	19	22	25	28	30	38
DecoBoard P2									
2,800x2,100	both sides: AH / NH / HG / VV / MP / SM combination F / R*: HG / VV HG / MP	•	•	•	•	•	•	•	•
DecoBoard P3									
2,800x2,100	both sides: AH / NH / HG / VV / MP / SM combination F / R*: HG / VV HG / MP	•	•	•	•	•	•	•	•
DecoBoard P2 UZ / P2 F**** / sustainable, because low emissions									
2,800x2,100	both sides: AH / NH / HG / VV / MP / SM combination F / R*: HG / VV HG / MP	•		•					
DecoBoard Pyroex / flame resistant									
2,800x2,100	both sides: AH / NH / HG / VV / MP / SM combination F / R*: HG / VV HG / MP	•		•					
Fire behaviour: flame resistant / Format 2,800 x 2,100 mm: C-s2,d0									
DecoBoard MDF plus									
2,800x2,100	both sides: AH / NH / HG / VV / MP / SM combination F / R*: HG / VV HG / MP	•	•	•	•	•	•	•	•
DecoBoard MDF black									
2,800x2,100	both sides: AH / NH / HG / VV / MP / SM combination F / R*: HG / VV HG / MP	•		•		•			

* F / R = Front / Reverse

Duropal-HPL Variations

- Many textures are possible
- High quality, robust melamine surface
- Self-supporting compact laminates
- Hygienic, easy-care, safety for foodstuffs
- Ideal for areas with high usage demands



Duropal-HPL Variations

Standard quality high-pressure laminate designed with individual digital print motifs has a scratch and abrasion resistant surface after pressing. The resulting surface is safe, it is also ideally suitable for contact with food. The reverse of individual digital print motif boards are either sanded to give them a bondable surface or are covered with a standard white decor.

Areas of application: Durable surface material for creative furniture design and the interior fitting of shops and stores, cafés and bistros, educational and recreational facilities, doctors' surgeries and clinics. The material is not suitable for permanent use outdoors.

Duropal-HPL

Decorative high-pressure laminate made of several high-quality, resin impregnated paper layers. The reverse side is sanded ready for gluing.

Format in mm	Textures	Thickness in mm																	
		1	1.2	2	3	4	5	6	7	8	9	10	12	13	15	18	18.4	21	21.4
Duropal-HPL Individual																			
2,800x2,070*	HG / MP / SM / VV		•																
Duropal-HPL Individual Pyroex																			
2,800x2,070	HG / MP / SM / VV		•																
Duropal-HPL Compact Individual, black core																			
2,800x2,070	Top: HG / MP / SM / VV Reverse: factory choice			•	•	•	•	•	•	•	•	•	•	•	•				

* Format 4,100x1,300 mm on request

Duropal flat bonded elements

Core board with both sides covered with decorative Duropal-HPL.

Format in mm	Textures	Thickness in mm																	
		1	1.2	2	3	4	6	8	10	12	13	14	15	18	18.4	21	21.4		
Duropal-Element Individual P2																			
2,800x2,070*	Top: HG / MP / SM / VV Reverse: MP																	•	•

* HPL-Thickness: 1.2 mm. Other thickness for Duropal Individual P2 flat-bonded element and the format 4,100x1,300 mm on request.

The technical values of the respective raw core also apply to the coated variants.
Further information and technical data at www.pfleiderer.com

Fire protection

- The perfect choice for preventive fire protection
- Ideal for new buildings and renovation
- Various board types are available
- Easy to machine and process



Fire protection Individual

With our wide range of fire safety products we offer architects and designers diverse design options. Apart from Pfleiderer's DST system, the Individual technology can also be used for fire safety products.

Areas of application: Flame resistant surface material for public and special buildings, hotels, schools, nurseries and care homes. Whenever a particular standard is set for individual design in addition to structural fire safety.

Melamine Faced Boards

Direct coating on flame resistant core material with individual digital print motifs. The upper side is covered with a digital print, the standard reverse is white.

Format in mm	Textures	Thickness in mm							
		16	18	19	22	25	28	30	38
DecoBoard Pyroex / flame resistant									
2,800 x 2,100	both sides: AH / NH / HG / VV / MP / SM combination F / R*: HG / VV HG / MP	•		•					

Fire behaviour: flame resistant / Format 2,800 x 2,100 mm: C-s2,d0
* F / R = Front / Reverse

High-pressure decorative laminate (HPL)

High-pressure laminate in flame-retardant quality designed with individual digital print motifs. The reverse side is sanded ready for gluing.

Format in mm	Textures	Thickness in mm															
		1	1.2	2	3	4	6	8	10	12	13	14	15	18	18.4	21	21.4
Duopal-HPL Individual Pyroex																	
2,800 x 2,070	HG / MP / SM / VV		•														

Fire behaviour: flame resistant / C-s2,d0
Important: HPL flat-bonded elements can have a different classification depending on the core material and adhesive used.

The technical values of the respective raw core also apply to the coated variants.
Further information and technical data at www.pfleiderer.com

Edges. A perfect concept – all round.

- Moisture resistant
- Scratch and wear resistant
- Impact resistant
- Heat resistant
- Resistant to household chemicals and cleaning agents
- Easy care



In addition to the core material, the decor and the structure, it is the edges that turn a melamine faced DecoBoard or a Duropal flat bonded element into a complete, elegant and perfect workpiece. CPL laminate edges and ABS edges finish off the overall picture visually and make a major contribution to durability.

Edges for our panels can be obtained directly from your Pfleiderer dealer or through our partner:

For ABS edges:



Ostermann UK/Ireland
Ostermann UK Ltd.
Stonebridge Cross Business Park
Unit 104 Pointon Way
Droitwich
WR9 0LW
United Kingdom
UK Phone: +44 (0) 1905 793 550
Fax: +44 (0) 1905 793 559
e-mail: sales.uk@ostermann.eu
Ireland Phone: +44 (0) 1905 793 552
e-mail: sales.ie@ostermann.eu

Further contact data can be found at
www.ostermann.eu

For CPL laminate edges:



Melaplast GmbH
Hans-Böckler-Straße 12
97424 Schweinfurt
Germany

Phone: +49 (0) 97 21 / 65 99-0
Fax: +49 (0) 97 21 / 65 99-90
e-mail: info@melaplast.de
www.melaplast.de



Any questions? We look forward to hearing from you.

Your satisfaction is our ultimate goal. But we go beyond this: Our goal is to surpass your expectations. That is why our partners can expect the highest standards in all areas of our operations. Do you have a specific project or just a simple question? Whichever way: We look forward to new challenges – ant to your call.

**UK customers call: +44 (0) 1625 660 410
Outside the UK call: +49 (0) 91 81 / 28 480**