SHIP INTERIOR FITTING

MADE IN GERMANY

MAKE
YOUR
VISIONS
WORK.

DUROPAL *thermopal*

PFLEIDERER

MAKE
YOUR
VISIONS
WORK.

WOOD-BASED PANELS THAT
OPEN UP NEW PERSPECTIVES.

From design to completed project, every step counts. After all, designs are only really appealing if they can also be realised. By choosing Pfleiderer, you're off to the right start. Aesthetic, functional and by design. In the 2021–2024 brochure, we introduce you to our extensive product range designed to make you more successful. Stylish, expressive and modern decors, innovative surface textures and core panels all come together perfectly to meet your technical, cost and user requirements. From high quality individual items to sector spanning concepts – you can turn your vision into reality with practical, high quality solutions from Pfleiderer.

WORK APP Decor Scanner
workapp.pfleiderer.com

Make work easier – with the Pfleiderer WorkApp! Simply scan decors with your smartphone, receive combination recommendations and request samples.
Learn more at **workapp.pfleiderer.com.**

Our tip:
scan the QR code
and get started
straight away.

ON COURSE FOR SUCCESS WITH INTERIOR FITOUT SOLUTIONS SUITABLE FOR THE HIGH SEAS

Fit-outs for passenger ships, yachts and offshore platforms are subject to strict requirements. Pfleiderer has a range of decorative sheet materials that bear the Wheelmark type approval logo of the International Maritime Organisation (IMO). You can therefore be certain that they fully meet the preventive fire protection requirements that apply to public spaces such as corridors and stairwells, theatres, bars and restaurants.

• Certified safety thanks to IMO certification

• High-quality, easy care and robust high-pressure laminates (HPL) for intensively used areas

• Standard antimicrobial effect in 24 hour contact test (Test method JIS Z 2801 / ISO 22196)

• Can also be supplied as a microPLUS® surface with antiviral finish on request

• Seamless colour combination in the DST system for consistent, cross-trade design concepts

UNCOMPROMISINGLY GOOD:
AT PFLEIDERER QUALITY HAS A SYSTEM

You can rely on security and transparency.

Producing wood-based materials sustainably and in the highest quality is a challenge.
As a leading company in the wood industry, Pfleiderer faces up to this challenge at all levels –
and with traditional entrepreneurial diligence. With modern production sites, an integrated
management system for quality, environment, energy and safety, and a corporate culture
that continuously develops these values. Because for us, the compatibility of quality and
sustainability is a matter of course!

In concrete terms, this means that we certify our processes throughout the entire value
chain – often far beyond what is legally required. We attach great importance to being as
transparent as possible for our customers and partners. Our environmental management
systems at our locations are certified according to DIN ISO EN 14001 and ISO 50001. Also we
belong to the Quality Association for Wood-based Panels and have certifications according
to FSC® (License Code: FSC® C011773) and PEFC (License Code: PEFC/04-32-0828). And if
you want to know more, just contact us. We will be happy to give you detailed information!
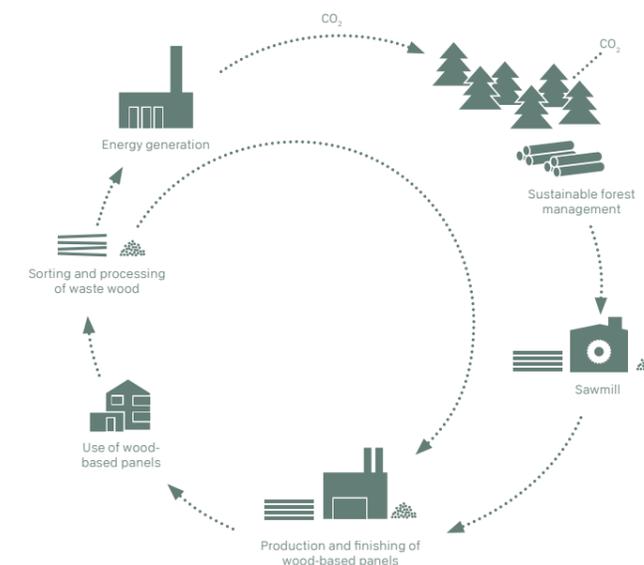
MADE IN GERMANY

DESIGNED FOR A FUTURE WORTH LIVING:
SUSTAINABILITY AT PFLEIDERER

Responsibility for tomorrow starts today.

Those who rely on wood as a raw material rightly expect an environmentally conscious "green" material. We at
Pfleiderer want to do full justice to this and have therefore been offering an extensive range of low-emission and
environmentally friendly products for many years. Sustainability – in addition to ecological, social and economic
aspects – as well as careful use of natural resources are permanent pillars of our corporate philosophy. Consistent
recycling management and wood recycling ensure that no trees are felled for our products. Through regular
independent evaluation of our procurement and production processes, we are able to ensure that we are able to offer
our customers the best possible service, manufacturing and logistics processes as well as a corporate culture of
accountability. We ensure that you can use our products with a clear conscience and recommend them to your
customers.

A healthy full range of products.

Pfleiderer focuses on low-emission materials, e.g. F**** glued panels for interior design or LivingBoard with formal-
dehyde-free gluing. Many of our board materials have been awarded the Blue Angel for a healthy indoor climate for
many years. At the beginning of 2020, we succeeded in obtaining this award – in addition to raw boards and directly
coated products – also for large parts of the HPL range. This means that you can also fall back on a consistently
sustainable full product range for demanding projects – and fulfil customer wishes without compromising on
ecology and sustainability.

CO_2

CO_2

Energy generation

Sustainable forest
management

Sorting and processing
of waste wood

Sawmill

Use of wood-
based panels

Production and finishing of
wood-based panels

Through multi-stage wood utilisation (so-called cascade
utilisation), wood recycling, and the use of forestry wood
and industrial waste wood for high quality materials with
a long service life, Pfleiderer conserves valuable resources
and actively contributes to reducing carbon emissions,
air, water and soil pollution and energy consumption.
We control the wood mix individually, depending on the
product, to achieve a perfect balance between quality
requirements and resource conservation.

HYGIENE

HEALTH PROTECTION AS STANDARD!

Antimicrobial and antiviral surface finish for Pfleiderer wood-based panels.
For busy public spaces and special hygienic requirements, simply rely on materials that actively contribute to health protection. In this way, you reduce the risk for people to become infected with pathogens via surfaces.

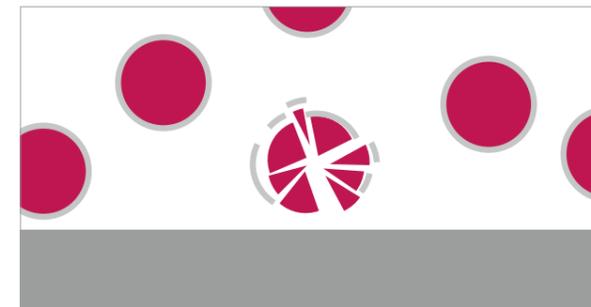### PFLEIDERER HYGIENE PRODUCTS

**Standard surfaces
(e. g. Duropal HPL/DecoBoard):**

- 24h antimicrobial effect
  (according to JIS Z 2801 / ISO 22196)
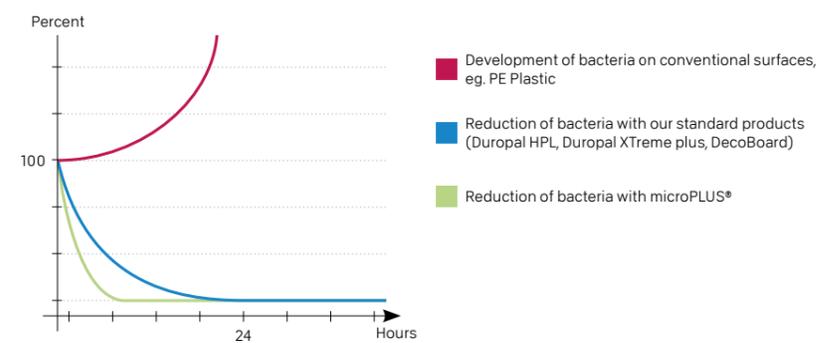
microPLUS® surfaces:

- 7h antimicrobial effect
  (according to JIS Z 2801 / ISO 22196)
- 24h antiviral effect on enveloped viruses
  (according to ISO 21702:2019), including HIV,
  SARS-Coronavirus 1 and 2 and West Nile Virus

● Bacteria
■ Standard surfaces

● Enveloped viruses
≋ microPLUS® surfaces

Percent

100

24

Hours

■ Development of bacteria on conventional surfaces,
eg. PE Plastic

■ Reduction of bacteria with our standard products
(Duropal HPL, Duropal XTreme plus, DecoBoard)

■ Reduction of bacteria with microPLUS®

For the microPLUS® surface, the complete Design Collection for HPL products and the Express Collection for DecoBoard is available. Details at **pfleiderer.com**

SURFACE TEXTURE

DECORS

CORE MATERIAL

= **DST** SYSTEM
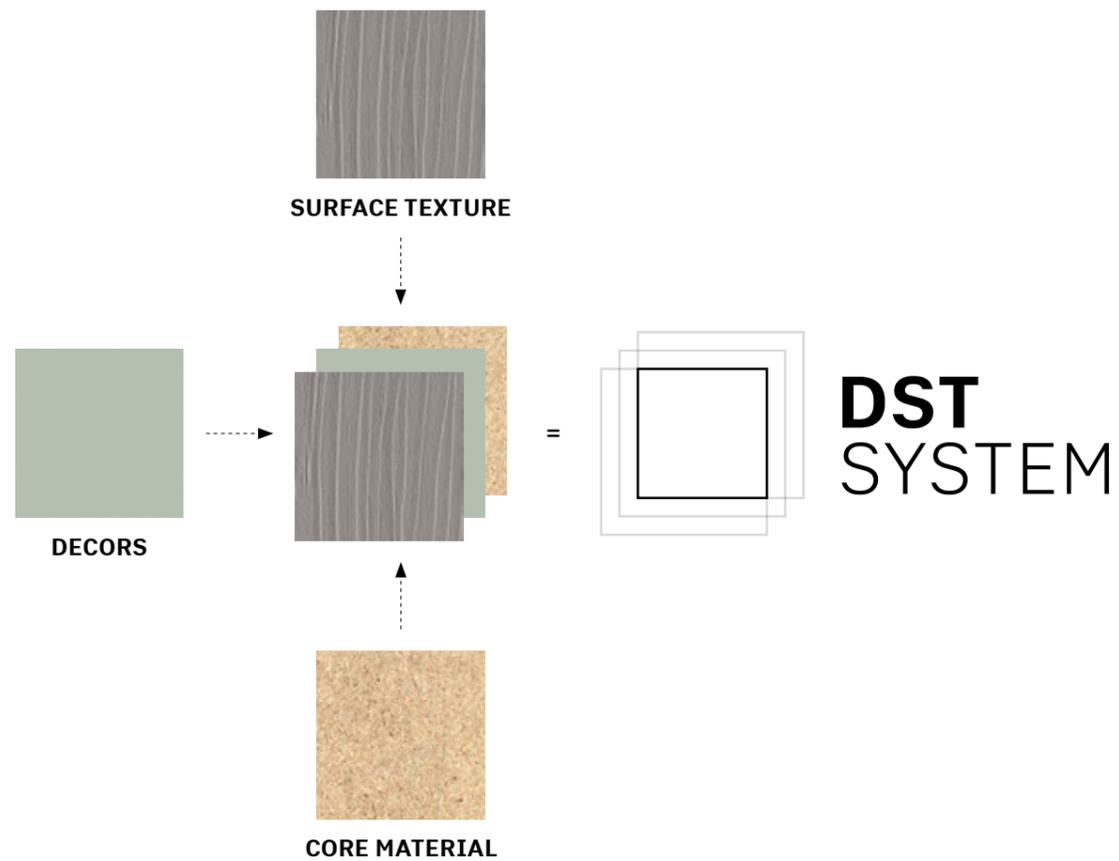
DESIGN AND FUNCTION IN HARMONY

Flexible choice of materials for individual solutions.

Whether you want to use a certain colour across a range of items, have to fulfil specific fire prevention regulations or need a surface that is easy to clean, the DST system from Pfleiderer can help you to realise coherent and functional designs: it offers numerous, technically tested and visually checked combination options of decors, surface textures and core panels for you to choose from. In addition, all the decors from the design collection are available both as HPL and DecoBoard. Find exactly what you need to realise your vision. We are also happy to provide you with individual advice on request!

Core materials for coating, which are available with the decors of the design collection such as the fire retardant Pyroex, moisture resistant P3, MDF or others can be found under **productfinder.pfleiderer.com**

REFERENCES

RCI Quantum of the seas © Ingrid Fiebak Fotografie

Mein Schiff 1 © TUI Cruises

Mein Schiff 1 © TUI Cruises

AIDAprima © Ingrid Fiebak Fotografie

Mein Schiff 1 © TUI Cruises

References: Aida Bella, Aida Blu, Aida Cosma, Aida Diva, Aida Luna, Aida Mira, Aida Mar, Aida Nova, Aida Perla, Aida Prima, Aida Sol, Aida Stella, BC-Ferries, Bohai Ferry Zhong Hua Fu Xing, Carnival Breeze, Carnival Celebration, Carnival Legend, Carnival Mardi Gras, Carnival Imagination, Carnival Inspiration, Carnival Sensation, Carnival Vista, Celebrity Apex, Celebrity Beyond, Celebrity Eclipse, Celebrity Edge, Celebrity Equinox, Celebrity Millennium, Celebrity Reflection, Celebrity Silhouette, Celebrity Solstice, Color Fantasy, Costa Smeralda, Costa Toscana, Cunard Queen Mary 2, Disney Dream, Disney Fantasy, Disney Wish, Dream Cruises Global Class, Fred Olsen Braemar, HAL Eurodam, HAL Koningsdam, HAL Nieuw Amsterdam, HAL Maasdam, Hapag Lloyd Europa, Hapag Lloyd Europa 2, Huadong Pearl 8, Hurtigruten Roald Amundsen, Hurtigruten Fridtjof Nansen, Lianyungang C-K Ferry Harmony YunGang, LD Lines, MS Bremen, MS Hanseatic, MSC Bellissima, MSC Divina, MSC Europa, MSC Fantasia, MSC Grandiosa, MSC Magnifica, MSC Meraviglia, MSC Musica, MSC Orchestra, MSC Seaside, MSC Seaview, MSC Splendida, MSC Virtuosa, MY Bermuda, MY Opal, MY Sunflower, Mystic Cruises World Explorer, New Shidao Pearl, NCL Breakaway, NCL Bliss, NCL Escape, NCL Encore, NCL Getaway, NCL Norwegian Epic, NCL Norwegian Gem, NCL Norwegian Jewel, NCL Norwegian Joy, NCL Norwegian Pearl, NCL Pride of America, NCL Pride of Hawaii, NCL Spirit, Premicon Rivercruises, P&O Iona, P&O Arvia, Quark Expeditions, Ultramarine, RCI Anthem of the Seas, RCI Allure of the Seas, CI Explorer of the Seas, RCI Icon of the Seas, RCI Jewel of the Seas, RCI Harmony of the Seas, RCI Oasis of the Seas, RCI Odyssey of the Seas, RCI Ovation of the Seas, RCI Quantum of the Seas, RCI Radiance of the Seas, RCI Symphony of the Seas, RCI Voyager class, RCI Wonder of the Seas, RCI Spectrum of the Seas, Regent Seven Seas Navigator, Saga Spirit of Discovery, Saga Spirit of Adventure, Seabourn Encore, Seabourn Odyssey, Seabourn Ovation, Seabourn Quest, Seabourn Sojourn, Shidao Ferry Gunsan Pearl, Shidao Ferry New Shidao Pearl, Silversea Evolution, Starclipper / Royalclipper, Stena Britannica, Stena Estrid, Stena Edda, SunStone Ocean Victory, Tallink Megastar, TUI Mein Schiff 1/2/3/4/5/6, Viking River Cruises etc.

DECORATIVE BOARDS

WITH IMO CERTIFICATION

Not only safe but also attractive:
With its IMO products, Pfleiderer offers a perfect selection of HPL and compact boards for ship and boat interior finishes.

Duropal HPL IMO

Decorative high pressure laminate in postforming quality according to EN 438-3:HGP/VGP "Low Flame-Spread Surface Material" with robust melamine resin surface and sanded reverse.

AREAS OF APPLICATION

Furniture and interior fitting

Flame-retardant surface material for preventive fire protection in the decorative sector in ship interior fitting. Particularly for corridors and stairways, for partition walls, doors, wall and ceiling coverings.

PRODUCT FEATURES

- Decorative variety
- Easy care
- Antimicrobial
- Food harmless
- Low Flame-Spread Surface Material
- Particularly low emission

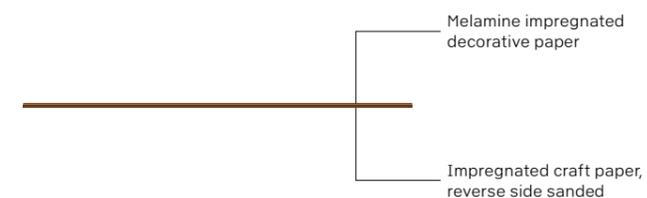|	
Product standard	EN 438-3
Classification	MED – Low Flame-Spread Surface Material (MED) USCG – Low Flame-Spread Surface Material (USCG) Transport Canada – Low Flame Spread Surface Linings (Transport Canada) CCS – Low Flame-Spread Material (CCS)
Formaldehyde emission class	E1
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Density	Min. 1,350kg/m³ (EN ISO 1183-1)
Note	Classification MED, USCG, CCS for the widths 915/950/1,050/1,300mm; Classification MED, USCG, Transport Canada for width 2,070mm FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,050–5,300	1,300	0.6 | 0.8
2,150	915 | 950 | 1,050 | 1,300	0.8
2,350	1,050 | 2,350	0.8
2,800	2,070	0.6 | 0.8 | 1.2
3,050	1,300	0.8
4,100 | 5,300	1,300	0.6 | 0.8
5,600	2,070	0.6 | 0.8

Melamine impregnated decorative paper

Impregnated craft paper, reverse side sanded

www.blauer-engel.de/uz76

Duropal HPL Individual Motiv IMO

High pressure laminate of standard quality with individual digital printed motifs according to EN 438-3:HGS/VGS "Low Flame-Spread Surface Material". The reverse is sanded ready for gluing. Our well-known Individual world from just 1 piece upwards, where your image files can be used as a motif.

AREAS OF APPLICATION

Furniture and interior fitting

Flame-retardant surface material for preventive fire protection in the decorative sector in ship interior fitting. Particularly for corridors and stairways, for partition walls, doors, wall and ceiling coverings. Whenever, in addition to preventive fire protection in shipbuilding, special demands are made on individual design, ease of care or durability.
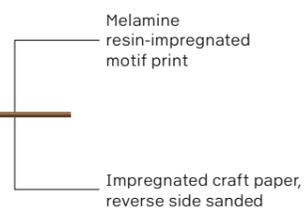
PRODUCT FEATURES

- Individually designed
- Easy care
- Antimicrobial
- Food harmless
- Low Flame-Spread Surface Material
- Particularly low emission

Product standard	Produced acc. to EN 438-3
Classification	MED – Low Flame-Spread Surface Material (MED) USCG – Low Flame-Spread Surface Material (USCG)
Formaldehyde emission class	E1
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Density	Min. 1,350kg/m³ (EN ISO 1183-1)
Note	Maximum motif format per board, incl. overprinting: 2,750x2,030mm. Larger motifs can be tiled. Cut to size is not available. FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	1.2

Melamine resin-impregnated motif print

Impregnated craft paper, reverse side sanded

Duropal flameprotect compact IMO

Fire protection panel with IMO classification "Low Flame-Spread Surface Material" of primarily mineral constituents with uniform white-coloured core and decorative melamine resin surface on both sides.

AREAS OF APPLICATION

Furniture and interior fitting

For universal use in preventive fire protection to reduce the fire spread. Particularly useful where high demands are made on the design and ease of care. The field of application covers decorative ship interior fitting through furniture, installations and wall coverings as well as in corridors and stairways. Use in wet areas and outdoors, as well as mechanical surface stress, is not recommended.
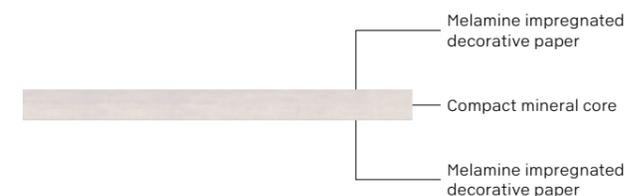
PRODUCT FEATURES

- Decorative variety
- Easy care
- Food harmless
- Low Flame-Spread Surface Material
- High impact resistance

Product standard	Produced acc. to EN 438-4
Core material	Mineral compact laminate Compact core of primarily mineral constituents with outstanding strength properties. Suitable for areas subject to particularly high demands of fire protection.
Classification	MED – Low Flame-Spread Surface Material (MED) USCG – Low Flame-Spread Surface Material (USCG) Transport Canada – Low Flame Spread Surface Linings (Transport Canada)
Formaldehyde emission class	E1
Density	1,900kg/m³ ± 50kg/m³ (EN ISO 1183-1)

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	4 | 6 | 7 | 8 | 10 | 12 | 13 | 15

Melamine impregnated decorative paper

Compact mineral core

Melamine impregnated decorative paper

DECORATIVE BOARDS

FOR CABIN FITOUT

Decor used:
R50094 Nordic Teak

DecoBoard P2

Urea resin bonded particleboard with decorative melamine facing on both faces, awarded with the Blue Angel.

AREAS OF APPLICATION

Furniture and interior fitting

Carcass and front quality for furniture making, shopfitting and interior fitting.

PRODUCT FEATURES

Decorative variety | Easy care | Antimicrobial | Food harmless

Particularly low emission

|	
Product standard	EN 14322
Core material	ClassicBoard P2 Urea resin-bonded particleboard, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9mm / Gross density: ≥ 600kg/m³)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,655	2,100	8 | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 22 | 25 | 28 | 30 | 32 | 38
2,800	2,100	8 | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 22 | 25 | 28 | 30 | 32 | 38
3,200	2,100	8 | 10 | 13 | 16 | 18 | 19 | 22 | 25 | 30
4,100	2,100	16 | 18 | 19
5,310	2,100	8 | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 22 | 25 | 28 | 30 | 32 | 38
5,600	2,100	8 | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 22 | 25 | 28 | 30 | 32 | 38

Melamine facing

ClassicBoard P2

Melamine facing
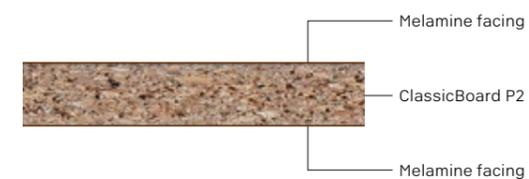
DecoBoard Individual Motiv P2

Urea resin bonded particleboard with individual digital print motifs in direct facing method, awarded with the Blue Angel. The front face is printed as required, the standard reverse is white.

AREAS OF APPLICATION

Furniture and interior fitting

The possible applications are virtually limitless: Individual furniture and interior fitting elements, wall fittings and partitions, 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.

PRODUCT FEATURES

- Individually designed
- Easy care
- Antimicrobial
- Food harmless
- Particularly low emission

Product standard	Produced acc. to EN 14322
Core material	ClassicBoard P2 Urea resin-bonded particleboard, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9mm / Gross density: ≥ 600kg/m³)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	Maximum motif format per board, incl. overprinting: 2,750x2,030mm. Larger motifs can be tiled. Cut to size is not available. FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,100	16 | 18 | 19 | 22 | 25 | 28 | 30 | 32

- Motif print / Melamine facing
- ClassicBoard P2
- Melamine facing

DecoBoard P3

Melamine resin bonded particleboard with melamine resin facing on both faces for damp areas.

AREAS OF APPLICATION

Furniture and interior fitting

Carcass and front quality for furniture making, shopfitting and interior fitting. Particularly for areas with higher demands on moisture resistance i. e. in bathroom furniture.

PRODUCT FEATURES

- Decorative variety
- Easy care
- Antimicrobial
- Food harmless
- Low swelling / moisture resistant

|	
Product standard	EN 14322
Core material	ClassicBoard P3 Melamine resin bonded particleboard, type P3 in accordance with EN 312, suitable for non load-bearing purposes in damp areas.
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9mm / Gross density: ≥ 600kg/m³)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,100	10 | 13 | 16 | 18 | 19 | 22 | 25 | 28 | 38
5,600	2,100	10 | 13 | 16 | 18 | 19 | 22 | 25 | 28 | 38

- Melamine facing
- ClassicBoard P3
- Melamine facing
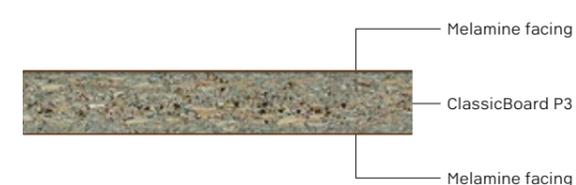
Duropal HPL Compact, white core

Compact high pressure laminate in standard quality according to EN 438-9:BCS. With uniform white-coloured core and decorative melamine resin surface on both sides.

AREAS OF APPLICATION

Furniture and interior fitting

For unusual furniture and interior concepts in the home and contract sectors, in leisure and spa facilities, in shop design, in catering, as well as in humid and wet conditions in which particular robustness, durability and high hygienic standards including aesthetics are required of the material. The material is suitable for open edge solutions as well as for engraving for individual 3D effects.
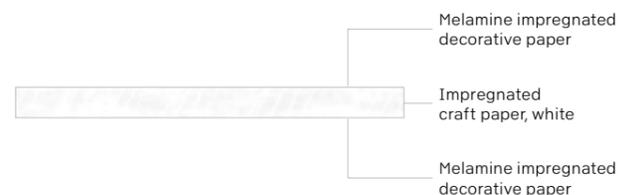
PRODUCT FEATURES

Decorative variety · Easy care · Antimicrobial · Food harmless
Low swelling / moisture resistant · High impact resistance · Particularly low emission

Product standard	EN 438-9
Core material	Compact laminate white core Uniform white through-pigmented solid compact laminate core, impact resistant and moisture resistant for applications with high specification demands.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG): 2,800x2,070x6–15mm, 4,100x1,300x6–12mm
Formaldehyde emission class	E1
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Density	Min. 1,400kg/m³ (EN ISO 1183-1)
Note	2,800x2,070mm – FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request. 4,100x1,300mm – With PEFC-certification (license code: PEFC/04-32-0828).

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	4 | 5 | 6 | 8 | 10 | 12 | 13 | 15
4,100	1,300	4 | 5 | 6 | 8 | 10 | 12

Melamine impregnated decorative paper

Impregnated craft paper, white

Melamine impregnated decorative paper

Duropal HPL Compact, grey core

Compact high pressure laminate in standard quality according to EN 438-9:BCS. With uniform grey-coloured core and decorative melamine resin surface on both sides.

AREAS OF APPLICATION

Furniture and interior fitting

For unusual furniture and interior concepts in the home and contract sectors, in leisure and spa facilities, in shop design, in catering, as well as in humid and wet conditions in which particular robustness, durability and high hygienic standards including aesthetics are required of the material. The material is suitable for open edge solutions as well as for engraving for individual 3D effects.
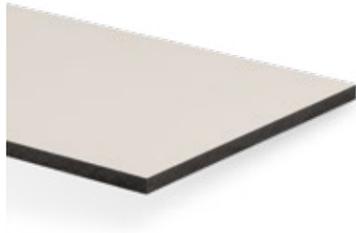
PRODUCT FEATURES

Decorative variety · Easy care · Antimicrobial · Food harmless
Low swelling / moisture resistant · High impact resistance · Particularly low emission

Product standard	EN 438-9
Core material	Compact laminate grey core Uniform grey through-pigmented solid compact laminate core, impact resistant and moisture resistant for applications with high specification demands.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG): 4,100x1,300x6–12mm
Formaldehyde emission class	E1
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Density	Min. 1,400kg/m³ (EN ISO 1183-1)
Note	With PEFC-certification (license code: PEFC/04-32-0828).

FORMAT IN MM

Length	Width	Thickness
4,100	1,300	4 | 5 | 6 | 8 | 10 | 12

Melamine impregnated decorative paper

Impregnated craft paper, grey

Melamine impregnated decorative paper

Duropal HPL Compact, black core

Compact high pressure laminate in standard quality according to EN 438-4:CGS. With uniform black-coloured core and decorative melamine resin surface on both sides.

AREAS OF APPLICATION   Furniture and interior fitting

For unusual furniture and interior concepts in the home and contract sectors, in leisure and spa facilities, in shop design, in catering, as well as in humid and wet conditions in which particular robustness, durability and high hygienic standards including aesthetics are required of the material. The material is suitable for open edge solutions as well as for engraving for individual 3D effects.
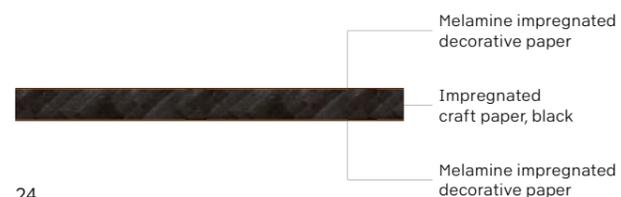
PRODUCT FEATURES   Decorative variety · Easy care · Antimicrobial · Food harmless · Low swelling / moisture resistant · High impact resistance · Particularly low emission

Product standard	EN 438-4
Core material	Compact laminate black core Solid, black pigmented compact laminate core, impact resistant and moisture resistant for applications with high specification demands.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG): 2,800x1,860x6–15mm, 2,800x2,070x6–15mm, 4,100x1,300x6–15mm, 5,600x2,070x6–15mm
EC scope	EN 438-7:2005 Compact laminate intended for internal wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Density	Min. 1,350kg/m³ (EN ISO 1183-1)
Note	2,800x1,860 / 2,070mm // 5,600x2,070mm – FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request. 4,100x1,300mm – With PEFC-certification (license code: PEFC/04-32-0828).

FORMAT IN MM

Length	Width	Thickness
2,800	1,860 | 2,070	4 | 5 | 6 | 8 | 10 | 12 | 13 | 15
4,100	1,300	4 | 5 | 6 | 8 | 10 | 12 | 13 | 15
5,600	2,070	4 | 5 | 6 | 8 | 10 | 12 | 13 | 15

Melamine impregnated decorative paper

Impregnated craft paper, black

Melamine impregnated decorative paper

Duropal HPL Compact Individual Motiv, black core

Compact high pressure laminate of standard quality with individual digital printed motifs based on EN 438-4:CGS. With uniform black-coloured core and white reverse. Our well-known Individual world from just 1 piece upwards, where your image files can be used as a motif.

AREAS OF APPLICATION   Furniture and interior fitting

Individual furniture and interior design elements, particularly where high demands are made on the durability, ease of care and moisture resistance of the material. But also when low material cross-sections or open edge solutions are required. Such as in the restaurant sector, in shop fitting and in food sensitive areas, in doctors' surgeries and clinics, leisure and sanitary areas. The material is not suitable for use outdoors.

PRODUCT FEATURES   Individually designed · Easy care · Antimicrobial · Food harmless · Low swelling / moisture resistant · High impact resistance · Particularly low emission

Product standard	Produced acc. to EN 438-4
Core material	Compact laminate black core Solid, black pigmented compact laminate core, impact resistant and moisture resistant for applications with high specification demands.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG): 2,800x2,070x6–15mm
Formaldehyde emission class	E1
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Density	Min. 1,350kg/m³ (EN ISO 1183-1)
Note	Maximum motif format per board, incl. overprinting: 2,750x2,030mm. Larger motifs can be tiled. Cut to size is not available. FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	4 | 5 | 6 | 8 | 10 | 12 | 13 | 15

Melamine resin-impregnated motif print

Impregnated craft paper, black

Melamine impregnated decorative paper

Duropal Element P2

Flat bonded element consisting of a particleboard construction, Type P2 to EN 312, surfaced on both sides with Duropal HPL.

AREAS OF APPLICATION Furniture and interior fitting

Furniture production and interior design wherever high demands are made on quality and durability: For kitchen and interior design furniture, in shop fitting and partition wall construction, for interior fitting of banks, offices, schools, clinics, laboratories, retail buildings, in shipbuilding and motor vehicle construction.

PRODUCT FEATURES Decorative variety | Easy care | Antimicrobial | Food harmless | Particularly low emission

Product standard	EN 13894-1
Core material	ClassicBoard P2 Urea resin-bonded particleboard, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG): 2,800x2,070x16–25mm, 3,050x1,300x19mm, 4,100x1,300x16–25mm, 5,600x2,070x16–25mm
EC scope	EN 438-7:2005 HPL composite panel intended for internal wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	9.6	16	17.6	19	20.6	23.6	25	29.6	39.6
3,050	1,300	19
4,100	1,300	9.6	16	17.6	19	20.6	25	29.6	39.6
5,600	2,070	9.6	16	17.6	19	20.6	23.6	25	29.6	39.6

HPL
ClassicBoard P2
HPL

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.

AREAS OF APPLICATION Furniture and interior fitting

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.

PRODUCT FEATURES Individually designed | Easy care | Antimicrobial | Food harmless | Particularly low emission

|	
Product standard	EN 13894-1
Core material	ClassicBoard P2 Urea resin-bonded particleboard, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG)
EC scope	EN 438-7:2005 HPL composite panel intended for internal wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	Maximum motif format per board, incl. overprinting: 2,750x2,030mm. Larger motifs can be tiled. FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	18.4	21.4

HPL Individual
ClassicBoard P2
HPL
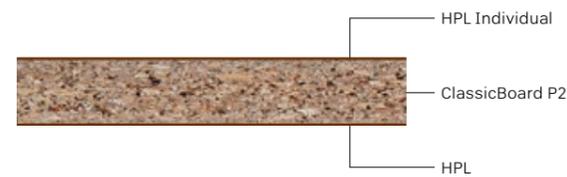
Duropal Element P3

Flat bonded element of a moisture-resistant particleboard construction, Type P3 to EN 312, faced on both sides with Duropal HPL.

AREAS OF APPLICATION

🗄 Furniture and interior fitting

Ideal for surfaces in furniture production and interior fitting where exceptional sturdiness and moisture resistance is required: For kitchen and bathroom furniture, elements in sanitary areas, in shop fitting and interior design construction, in clinics and laboratories plus workplaces such as in the foodstuffs processing industry.

PRODUCT FEATURES

◩ Decorative variety ▱ Easy care ▨ Antimicrobial 🍴 Food harmless

💧 Low swelling / moisture resistant

Product standard	EN 13894-1
Core material	ClassicBoard P3 Melamine resin bonded particleboard, type P3 in accordance with EN 312, suitable for non load-bearing purposes in damp areas.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG)
EC scope	EN 438-7:2005 HPL composite panel intended for internal wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	17.6	19.6	20.6	39.6
4,100	1,300	17.6	20.6
5,600	2,070	17.6	19.6	20.6	39.6

HPL

ClassicBoard P3

HPL
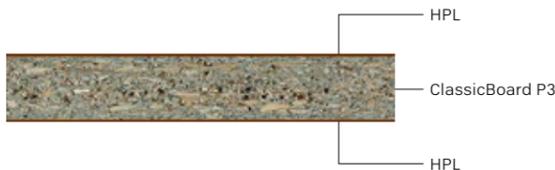
Duropal Element Poplar Veneer
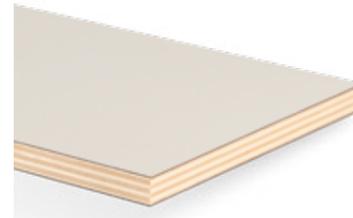
Poplar veneer panel, glued moisture-resistant, faced on both sides with Duropal HPL. For the highest demands on moisture resistance and stability with low weight.

AREAS OF APPLICATION

🗄 Furniture and interior fitting 🪶 Lightweight construction

For high demands on the board material for interior design, particularly for bending: In library, shop and chemist fitting, for the office furniture sector, especially suitable for filing cabinets, shelving, showcases, etc.

PRODUCT FEATURES

◩ Decorative variety ▱ Easy care ▨ Antimicrobial 🍴 Food harmless

Product standard	EN 13894-1
Core material	PremiumBoard Poplar veneer CARB2 Veneer panel made from poplar plywood, AW 100 glued for a particularly high resistance to humidity. Technical values to DIN EN 636.
EC scope	EN 438-7:2005 HPL composite panel intended for internal wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	16.6	19.6

HPL

Poplar veneer

HPL
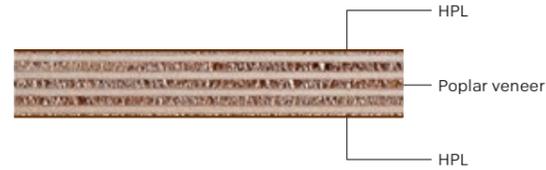
DECORATIVE BOARDS

FOR EXTERIOR USE

Duropal XTerior compact
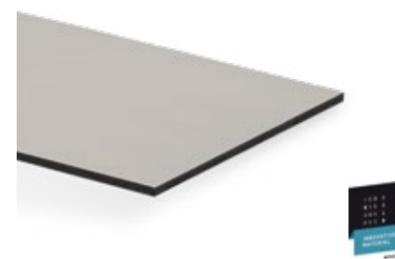
Compact high pressure laminate for outdoor use in standard quality according to EN 438-6:EDS / intensive decors according to EN 438-6:EGS. With uniform black-coloured core and single-sided decorative acrylic lacquer on the top side and decorative melamine resin surface on the reverse or double-sided decorative acrylic lacquer.

AREAS OF APPLICATION   Exterior use

Duropal XTerior compact fulfils the highest UV resistance requirements for the surface and due to its high mechanical strength values and design freedom, it is suitable for outdoor use, e.g. as facade, garden furniture, privacy screens, roof undersides, balconies or playground equipment. Especially if high standards of robustness, weather resistance and easy cleaning are required.
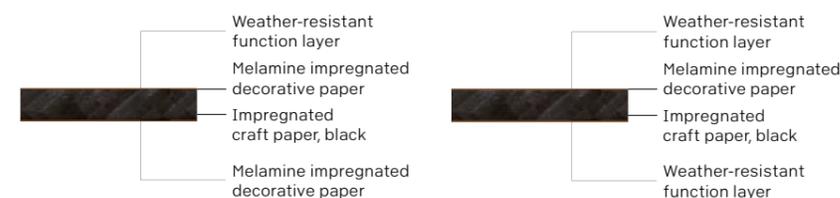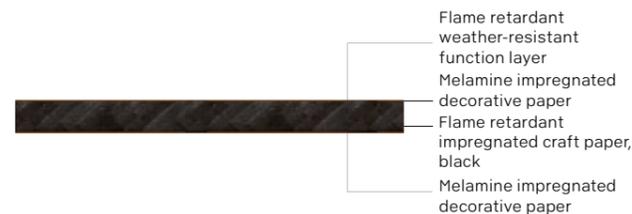
PRODUCT FEATURES

| Decorative variety | Easy care | Anti-fingerprint | Anti-graffiti |
| UV-resistant | Weatherproof | Low swelling / moisture resistant | High impact resistance |

Product standard	EN 438-6
Core material	Compact laminate black core Solid, black pigmented compact laminate core, impact resistant and moisture resistant for applications with high specification demands.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG)
EC scope	EN 438-7:2005 Compact laminate panels/sidings for exterior wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1
Density	Min. 1,350kg/m³ (EN ISO 1183-1)
Note	FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	6	8	10	12	13	15

Weather-resistant function layer
Melamine impregnated decorative paper
Impregnated craft paper, black
Melamine impregnated decorative paper

Weather-resistant function layer
Melamine impregnated decorative paper
Impregnated craft paper, black
Weather-resistant function layer

Duropal XTerior compact F – single-sided lacquering

Compact high pressure laminate for outdoor use in flame-retardant quality according to EN 438-6:EDF / intensive decors according to EN 438-6:EGF. With uniform black-coloured core and single-sided decorative acrylic lacquer on the top side and decorative melamine resin surface on the reverse.

AREAS OF APPLICATION

Fire protection   Exterior use

Duropal XTerior compact F fulfils the highest UV resistance requirements for the surface and due to its preventive fire protection, the high mechanical strength values and design freedom it is suitable for outdoor use, e.g. as facade, garden furniture, privacy screens, roof undersides, balconies or playground equipment. Especially if high standards of robustness, weather resistance and easy cleaning are required.

PRODUCT FEATURES

Decorative variety	Easy care	Anti-fingerprint	Anti-graffiti
UV-resistant	Weatherproof	Low swelling / moisture resistant	Flame retardant
High impact resistance			

Product standard	EN 438-6
Core material	Flame-retardant compact laminate black core Solid, black pigmented compact laminate core, suitable for applications with high requirements for the surface spread of flame.
Reaction to fire	Flame-retardant grade B-s1,d0 (EN 13501-1)
EC scope	EN 438-7:2005 Compact laminate panels/sidings for exterior wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1
Density	Min. 1,350kg/m³ (EN ISO 1183-1)
Note	FSC®-certification (license code: FSC® C011773) or PEFC-certification (license code: PEFC/04-32-0828) – available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	8	10	12	13	15

Flame retardant weather-resistant function layer
Melamine impregnated decorative paper
Flame retardant impregnated craft paper, black
Melamine impregnated decorative paper

SERVICE

ILLUSTRATIVE AND RESULTS-DRIVEN: DIGITAL SERVICES FROM PFLEIDERER

WorkApp: workapp.pfleiderer.com
The quickest way to find the answers to all your decor-related questions: simply open the Decor Scanner on your smartphone, scan the decor, view detailed information straight away on your phone, receive combination recommendations and request the matching sample directly from the app, if required. It is compatible with all smartphones and, of course, you can also easily add the app to your home screen.

Digital Product Finder: productfinder.pfleiderer.com
Which decorative panel is best suited to which application? Which product has particular material properties or surface characteristics? What is available quickly? Use the digital product finder to find the perfect material for your application in just a few steps. After all, bringing together creative ideas with construction requirements is what Pfleiderer does best!

Room Designer: roomdesigner.pfleiderer.com
Combine all the decor collections in 26 different digital room layouts – and show your customers in advance how bespoke design options could look in their home, health or care setting, office, hotel, shop, caravan or yacht. Easy to use, with detailed decor lists and smart filters as well as an interactive compare function. You can print and download the results or save them as favourites.

Mood Board Tool: moods.pfleiderer.com
Get the first glimpse of your desired decor before you order! Just upload your own image to our Mood Board Tool. The tool extracts the colours from your motif and suggests suitable decors from our portfolio. You can then save your created mood board in your account or send it via e-mail in order to discuss the selection further.

3D-Viewer: 3d-viewer.pfleiderer.com
In order to properly evaluate a surface texture, you have to be able to see it from different angles. That's why we provide the 3D VIEWER for surface textures! It enables you to get a realistic 360-degree view of our surface textures from all sides and in different lighting conditions. A useful tool for everyone who appreciates quick and illustrative support when evaluating and deciding on different textures!

Individual Konfigurator: individual.pfleiderer.com
The idea behind Pfleiderer's individual design concept is to enable almost unlimited creative freedom starting from a lot size of one. It allows you to use your own motifs – without compromising on the quality of the surface or core materials. You can use the Individual Product Finder to configure your unique product easily online, from selecting the core material to uploading your motif and enquiring about production.

BIM Data and Specifications: BIM.pfleiderer.com
Access the BIM product data from Heinze directly via our website – including all of the datasets for the entire Pfleiderer range. You can access all the relevant product information and downloads in one place. From the BIM data itself to additional product information, decor and texture samples as well as declarations of origin and conformity. On our tendering support page, you can also find text blocks for the different products.

Order samples online at any time:
samples.pfleiderer.com

WORK APP   Decor Scanner
workapp.pfleiderer.com

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Forest Management
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• low emissions
• wood from sustainable forestry
• no adverse impact on health in the living environment

Blue Angel for LivingBoard, DecoBoard P2, Duropal HPL, Duropal HPL Compact and Duropal Bonded Elements P2

MADE IN GERMANY

Good to know: the Pfleiderer quality promise.
Pfleiderer wood-based panels stand for quality without compromise. We use sustainable raw materials and state-of-the-art production processes and we are fully committed to our site in Germany. For more information, visit **quality.pfleiderer.com.**