





Learn more about our solutions in the offices & education area online at pfleiderer.com

WOOD-BASED MATERIAL SOLUTIONS FOR OFFICES & EDUCATION			
Reliable hygiene concepts			
Individual design scope	1		
Award-winning suitability for healthy living environments	1		
Variety of matching designs across all product ranges	1		
TAILOR-MADE CONCEPTS FOR WORKPLACES AND EDUCATION FACILITIES	2		
Receptions and offices	2		
Public areas and lifts	2		
Auditoriums and meeting rooms	3		
Sanitary areas	3		
Libraries	3		
Student accommodation	3		
PRODUCT INFORMATION	3		
QUALITY			
ADVICE & SERVICES	7		

DIGITAL TOOLS

SMART
CONCEPTS FOR
EDUCATION
AND WORK

MORE HYGIENIC INDIVIDUAL DESIGN

PFLEIDERER SOLUTIONS FOR WORKPLACES AND EDUCATION FACILITIES.

Workspaces and education facilities are environments where people spend a lot of time. Pfleiderer's wood-based materials can make an important contribution to designing these spaces in a way that is visually attractive as well as safe and affordable. Providing solutions that facilitate flexible design options, meet all building regulation requirements and actively contribute to health protection with innovative hygiene concepts in the area of high quality furniture and interior design. Learn more about Pfleiderer's portfolio for offices and education facilities.



MORE HYGIENIC **SMART HEALTH PROTECTION:** ROBUST SURFACES WITH ADDED VALUE. Pfleiderer's wood-based materials are an excellent choice when it comes to providing additional hygiene protection in high traffic public areas. Duropal HPL can make an important contribution: it is low maintenance and easy to clean, has an inherently antimicrobial effect and can optionally be equipped with the unique antiviral microPLUS® surface finish – without quality compromises. It is perfect for ensuring that aesthetically appealing surfaces in offices and education facilities also offer a tangible added value.

INTEGRATED HYGIENE:

ANTIMICROBIAL AND ANTIVIRAL SURFACES.

Breaking infection chains can start with choosing the right wood-based material. In high traffic public areas where hygiene requirements are important, simply rely on wood-based panels that actively contribute to health protection to reduce the risk of people becoming infected by pathogens on surfaces. Pfleiderer offers a multi-level protection concept for this purpose.

ADVANTAGES

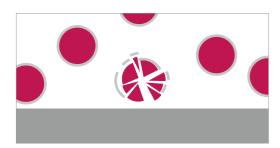
Antimicrobial surfaces reduce the risk of people becoming infected with pathogens via surfaces. This additional protection is an advantage, especially when there is a high frequency of visitors and high hygienic demands.

- Our standard HPL products and DecoBoard eliminate 99,9 % of all surface germs within 24 hours. This means that you can also use large parts of our range for sensitive areas with all the usual advantages in terms of design freedom, processing and other material properties.
- The innovative microPLUS® surface, which is additionally available for selected products, provides even faster protection: It offers antimicrobial protection within 7 hours and also acts as an antiviral surface against enveloped viruses within 24 hours!

Pfleiderer's integrated protection overview

Standard surfaces

• 24 h antimicrobial effect (according to JIS Z 2801 / ISO 22196)



- Bacteria
- Standard surfaces

available as

- DecoBoard
- Duropal HPL
- Duropal HPL Compact
- Duropal XTreme plus
- Duropal Compact XTreme plus

microPLUS® surface

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

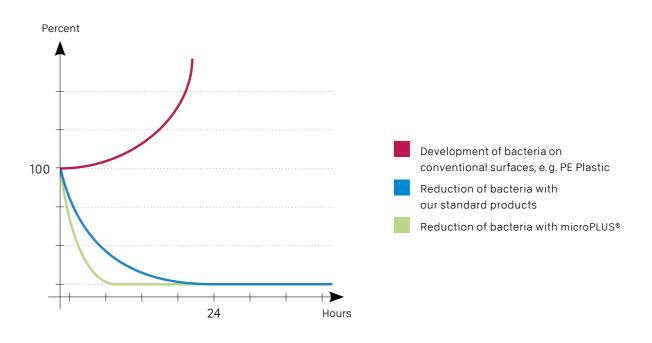


- Enveloped viruses
- microPLUS[®] surface

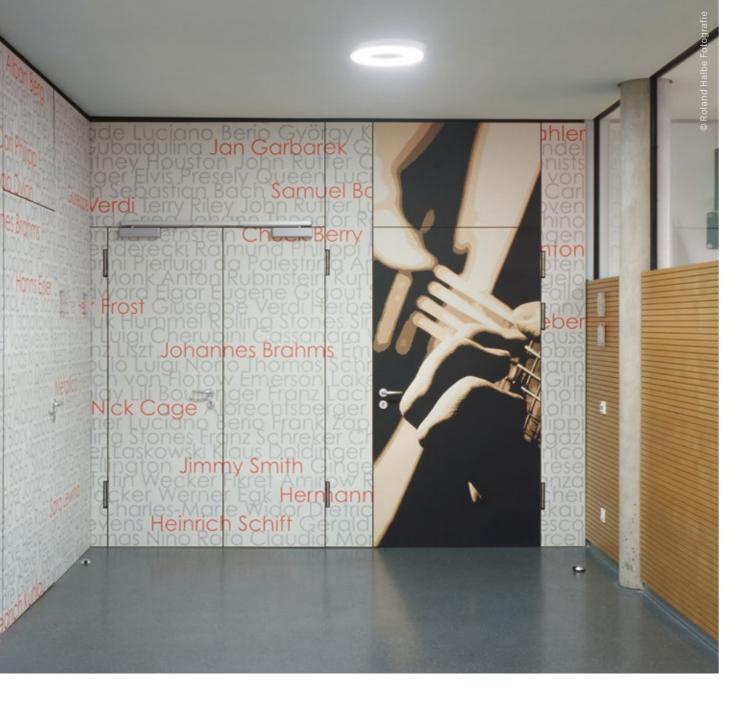
available as

- DecoBoard P2 microPLUS®
- DecoBoard P2 F*** microPLUS®
- DecoBoard MDF plus microPLUS®
- Duropal HPL microPLUS®
- Duropal HPL Compact microPLUS®









INSPIRINGLY CREATIVE WITH PFLEIDERER INDIVIDUAL.

Welcome to the unlimited design possibilities offered by Pfleiderer Individual. Use our innovative digital printing process to create your very own design exactly as you envision it to be – from interior design elements to furniture and doors. Pfleiderer Individual is available from a production batch quantity of one, and on a range of core materials varying from direct faced DecoBoard to high quality Duropal HPL. A range of suitable textures are available to additionally highlight the effect of your design.

MAXIMUM DESIGN SCOPE

FOR UNIQUE CONCEPTS.

Individual designs for customised one-off furniture and interior design elements – that is what Pfleiderer Individual stands for. State of the art digital printing technology means photos, illustrations, logos, lettering and all other kinds of reproducible templates can be created in the form of a high quality decorative panel, starting from a production batch size of one!

Pfleiderer Individual is available as HPL, on compact laminates, on HPL bonded boards consisting of a core material with a HPL coating on both sides and also directly onto the surface of DecoBoard.

Food-safe, easy to clean and robust surface, textures that perfectly match the overall look as well as a choice of core panels, from low emission to moisture-resistant and flame-retardant, are all still available alongside this digital printing technology. This allows you to benefit from the limitless creative freedom offered by Pfleiderer Individual, in particular for challenging areas of use such as healthcare centres, schools or cruise ship interiors!

Visit **individual.pfleiderer.com** to learn more. See some further inspiring examples, and simply request a quote for your Individual product online!



IIIII ER LIVING ENVIRONMEN **CREATE AN** INHERENTLY SUSTAINABLE AMBIENCE. Compared to other materials, wood inherently offers a range of advantages when it comes to healthy, sustainable building. Pfleiderer's wood-based materials make it possible to consistently make use of these advantages in interior design. Circular economy raw materials and certified low emission products meet the highest interior standards.

DESIGNED FOR A FUTURE WORTH LIVING:

SUSTAINABILITY AT PFLEIDERER.

A healthy full range of products

Pfleiderer focuses on low-emission materials, e.g. F**** glued panels for interior design or LivingBoard with formaldehyde-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.

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.





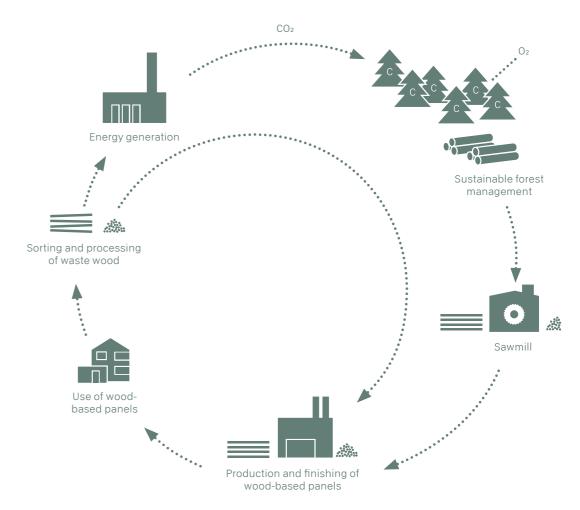












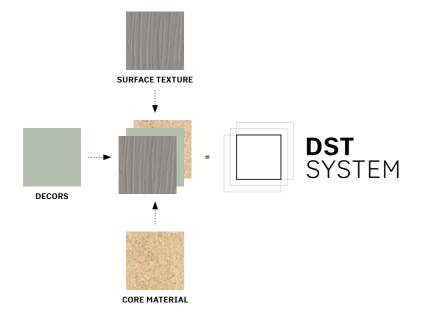
Through multi-stage wood utilisation (so-called cascade utilisation), wood recycling, and the use of forestry wood and industrial waste wood for high quality materials with a long service life, Pfleiderer conserves valuable resources and actively contributes to reducing carbon emissions, air, water and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

MORE ADAPTABLE **FOCUS ON AESTHETICS:** COMPLETE CHOICE FOR SOPHISTICATED DESIGNS. People should feel comfortable in working and learning environments. A stylish design concept can considerably contribute to this emotion. It is an expression of appreciation, promoting wellbeing and helping people to identify with the respective company or institution. Pfleiderer offers a wide choice of stylish decors, functional surfaces and core materials that meet building requirements whilst still allowing sophisticated designs to be created across all trades and in outstanding quality.

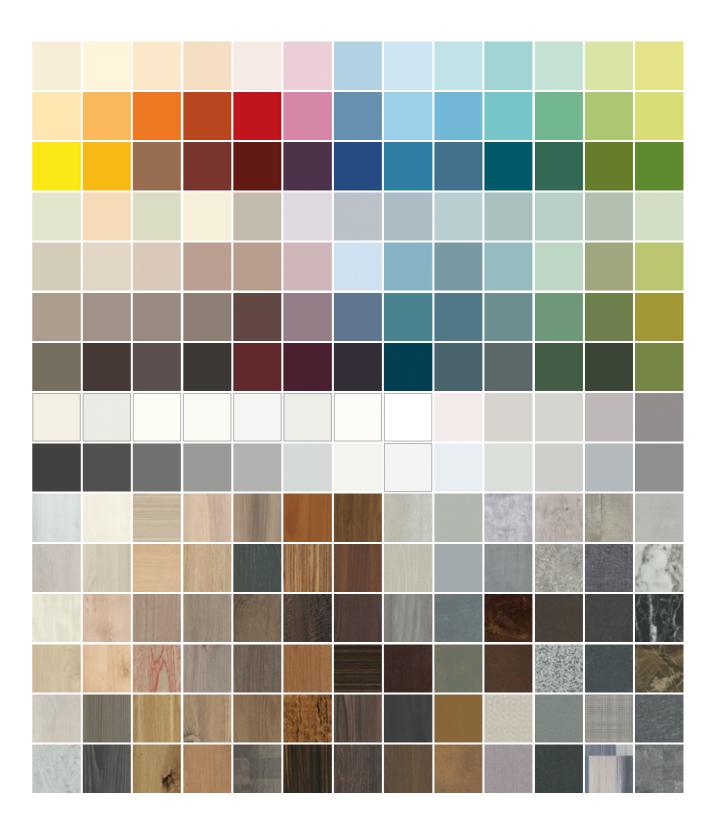
DESIGN AND FUNCTION IN HARMONY.

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!





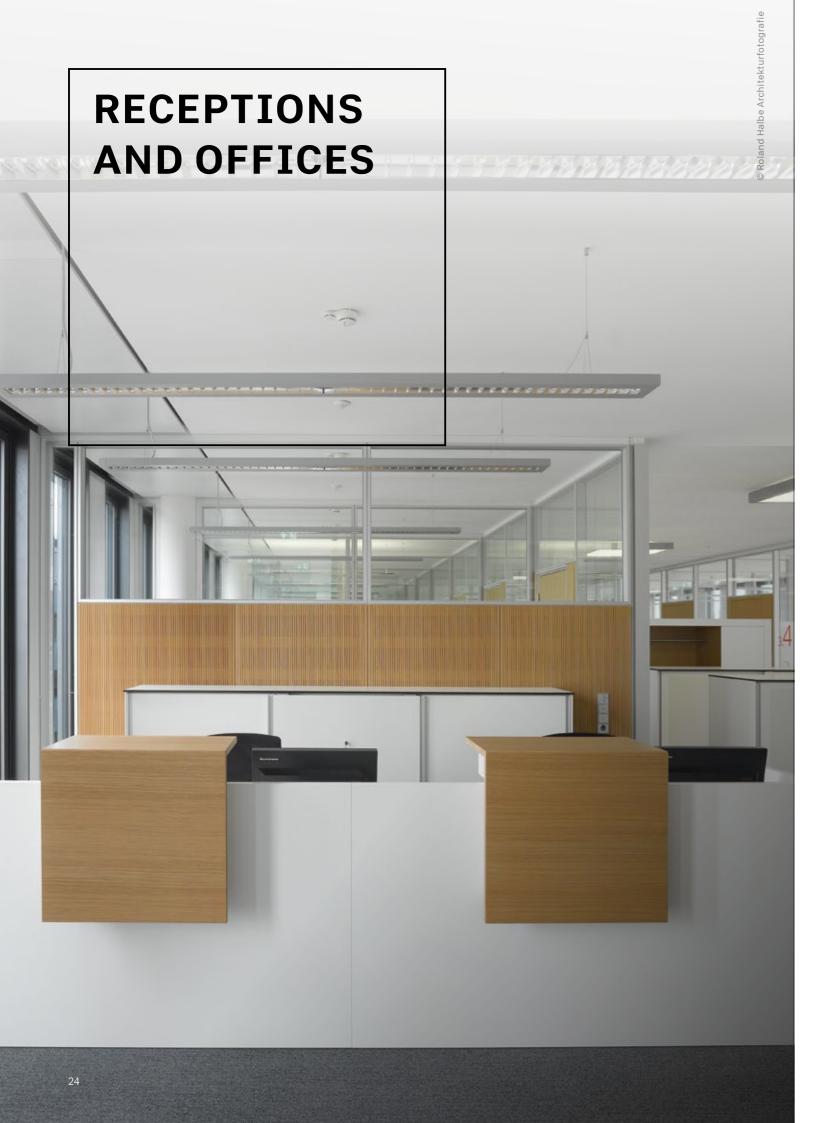


We also regularly conduct our own trend research and carry out trend analysis to ensure our decor choice is always up-to-date and fully meets the latest standards and requirements.



See **pfleiderer.com/trends** for the latest trends





FIRST IMPRESSIONS COUNT:

CONCEPTS FOR CREATING INVITING SPACES.

You only have one shot at making a good first impression. Pfleiderer offers compact panels with extremely robust surface finishes, antimicrobial properties and a solid dyed core which is perfect for reception counters, waiting rooms and office areas that need to be aesthetically pleasing for as long as possible. They are perfect high quality panel to be used in horizontal areas which are subject to heavy use. The entire DST system choice of decors and surface finishes is available for Duropal HPL Compact, whilst Duropal Compact XTreme plus combines a velvety matt feel with outstanding robustness and an anti-fingerprint effect.

Versatile choice for smart solutions

As a decorative panel with a melamine coating on both sides, DecoBoard can be used for furniture and interior design element fronts as well as carcasses. The panels are low maintenance, low emission and available with the same decors and textures as Pfleiderer's high-pressure laminates. Digitally printed customised designs for guidance systems, logos or graphic concepts can also be produced as a DecoBoard panel.

PRODUCT OVERVIEW

Here you will find a selection of products specially adapted to your area of application. You can find more products on the detail pages or at **www.pfleiderer.com**.

DecoBoard P2



Our all-rounder – available in many designs and formats! All of the designs in our Express range are available at short notice from stock!



> p. 43

DecoBoard P2 CARB2



Low emission melamine faced decor panel for a healthier living environment – available in all Pfleiderer collection decors!



www.blauer-engel.de/uz76

> p. 44

DecoBoard P2 F****



Low emission melamine faced decor panel for a healthier living environment – available in all Pfleiderer collection decors!



w.blauer-engel.de/uz76

PrimeBoard XTreme P2



The well designed decorative panel with a high quality, innovative lacquer coating. Available as XTreme Matt (XT) and XTreme High Gloss (XG). Easy to work with and extremely refined.



www.blauer-engel.de/uz76

> p. 39

Duropal HPL



High-pressure laminates in a wide range of selected DST system finish and texture combinations on DecoBoard products. The entire Design Collection is available from stock. Minimum offcut thanks to a range of formats from standard to non-standard widths, for example also suitable for doors.



> p. 5

Duropal HPL Compact, black core



Ideal for projects that call for outstanding robustness, durability and high hygiene standards as well as outstanding material aesthetics. All of the finishes in the Design Collection are available on compact panels as well as HPL and DecoBoard. As the core is coloured black throughout, the material is suitable for solutions with visible edges as well as customised 3D engraving effects.



www.blauer-engel.de/uz76

> p. 62

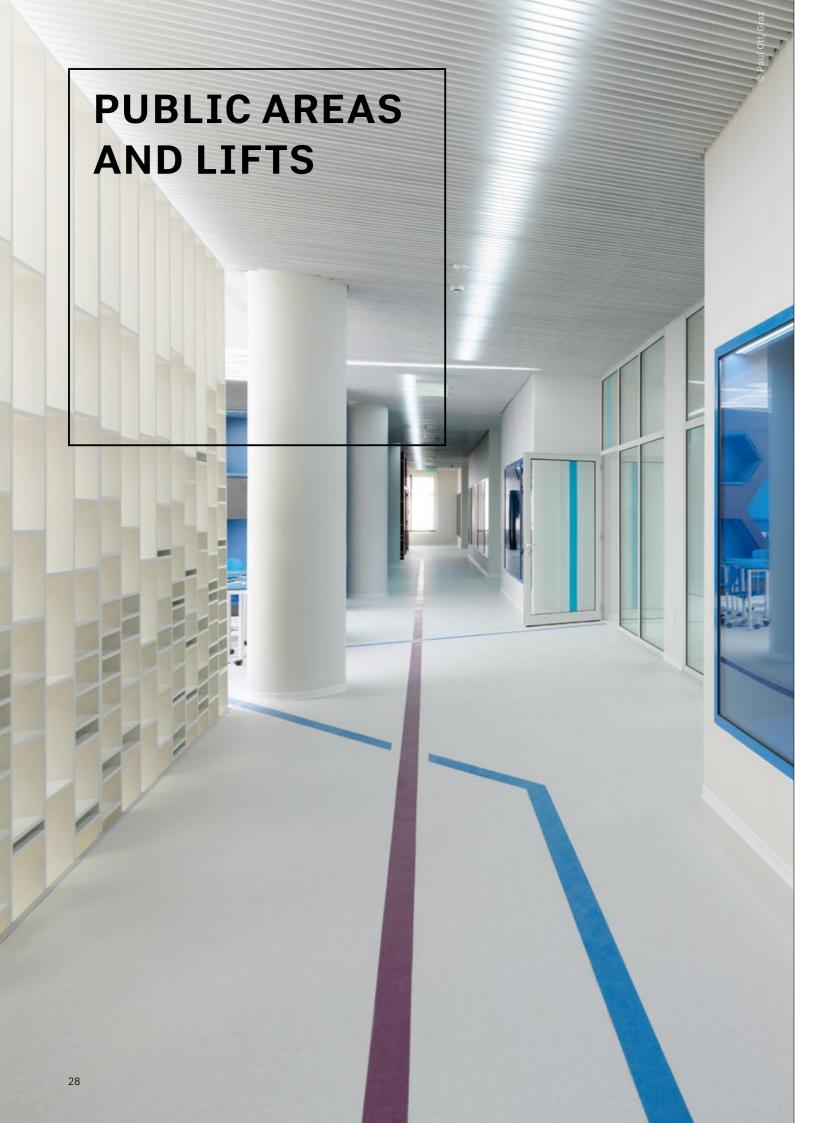
Duropal HPL microPLUS®



Duropal HPL microPLUS® provides antimicrobial protection in 7 hours and even acts as an antiviral surface against enveloped viruses within 24 hours!

> p. 52





GROUNDBREAKING CONCEPTS

FOR HIGH TRAFFIC AREAS.

Strict fire safety regulations make the interior design of corridors and lifts a technical challenge. With Pfleiderer's range of wood-based materials, it is easy to achieve a good balance between aesthetic concepts and the all important legal regulations.

Stylish and safe designs

There is no reason why creative scope should be limited by fire safety and durability requirements. Duropal HPL, compact laminates, HPL bonded boards and melamine faced DecoBoard's are available in a wide choice of decors and textures as well as in flame retardant versions. With Duropal flameprotect compact, we even offer non-combustible fire board panels.

PRODUCT OVERVIEW

Here you will find a selection of products specially adapted to your area of application. You can find more products on the detail pages or at **www.pfleiderer.com**.

DecoBoard Pyroex



Flame retardant faced panels for maximum planning security with a wide range of design options thanks to the DST system. Ideal for wall and ceiling panels in public buildings!



> p. 47

Duropal flameprotect compact



These decorative non-combustible compact panels are used in the preventive fire-safety area for escape routes or public spaces. In short: wherever non-combustible materials are called for that must also be low-maintenance and attractive.

Duropal HPL Individual Motiv Pyroex



Decorative, robust and flame retardant highpressure laminate. Ideal for walls, doors, freestanding and fitted furniture in public buildings and retail spaces with higher fire safety requirements.

Duropal Element Pyroex

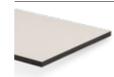


With our wide range of fire-safety products, we offer architects and planners not only planning reliability but also plenty of design scope. These flame retardant HPL bonded board is ideal for wall and ceiling panels in public institutions!

> p. 59

> p. 66

Duropal HPL Compact Pyroex, black core



Ideal for projects with increased fire protection requirements, the Pyroex compact panel is suitable for a wide range of applications in public facilities. It is also robust, durable and available in a wide range of decors. As the core is coloured black throughout, open edge solutions can also be implemented.

> p. 63



A SOLID BASE

FOR BUILDING INSPIRATIONAL LEARNING SPACES.

Used often, and used by many people – to ensure the surfaces of desks and tables in auditoriums, classrooms or conference rooms look inviting and remain hygienic for as long as possible, they must be made with the appropriate materials. Pfleiderer's compact laminates are designed to permanently withstand the challenges of constant robust use and regular cleaning. They are available with a black, grey and white solid dyed core and create an aesthetic look which is perfect for designs featuring open edges.

Simply integrate hygiene

All Duropal HPL, Duropal XTreme plus and DecoBoard surfaces are antimicrobial. This means that they actively suppress germs and bacteria* that are left on the surface – and thereby automatically contribute to reducing the infection risk in learning environments without any limits in terms of the design options.

PRODUCT OVERVIEW

Here you will find a selection of products specially adapted to your area of application. You can find more products on the detail pages or at **www.pfleiderer.com**.

DecoBoard Pyroex



Flame retardant faced panels for maximum planning security with a wide range of design options thanks to the DST system. Ideal for wall and ceiling panels in public buildings!



> p. 47

> p. 65

DecoBoard MDF Pyroex



Flame retardant, faced MDF panel for maximum surface smoothness and a wide range of design options thanks to the DST system. Provides planning security with regard to fire protection, for example in furniture construction for public buildings.

> p. 50

Duropal flameprotect compact



These decorative non-combustible compact panels are used in the preventive fire-safety area for escape routes or public spaces. In short: wherever non-combustible materials are called for that must also be low-maintenance and attractive.

Duropal HPL Individual Motiv Pyroex



Decorative, robust and flame retardant highpressure laminate. Ideal for walls, doors, freestanding and fitted furniture in public buildings and retail spaces with higher fire safety requirements.

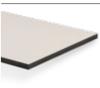
> p. 59

Duropal Element Pyroex



With our wide range of fire-safety products, we offer architects and planners not only planning reliability but also plenty of design scope. These flame retardant HPL bonded board is ideal for wall and ceiling panels in public institutions!

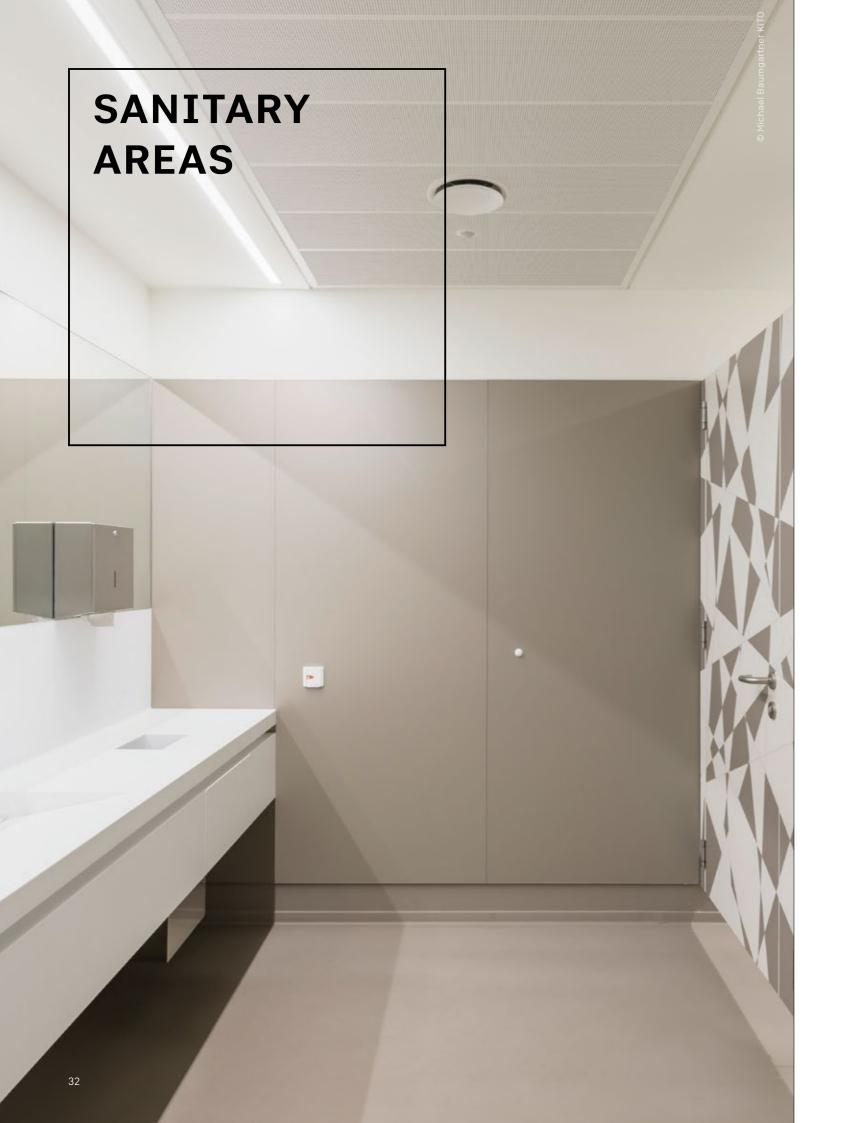
Duropal HPL Compact Pyroex, black core



Ideal for projects with increased fire protection requirements, the Pyroex compact panel is suitable for a wide range of applications in public facilities. It is also robust, durable and available in a wide range of decors. As the core is coloured black throughout, open edge solutions can also be implemented.

> p. 66 > p. 63

^{* 24} h antimicrobial effect (according to JIS Z 2801 / ISO 22196)



NOTHING WILL COME OUT IN THE WASH:

IMPRESSIVE QUALITY.

An appealing working or learning environment definitely includes modern sanitary facilities. In these areas, hygienic, construction and aesthetic factors should preferably be combined in an optimum way.

Systematic moisture resistance

The Pfleiderer product portfolio offers a wide choice of core materials which are suitable for wet rooms, from low swell and moisture-resistant chipboard cores to medium density fibre panels and compact laminates. The wide choice of decors Pfleiderer offer make it possible to develop robust and at the same time aesthetically pleasing solutions for almost all fitting situations – all the way through from the construction of the core material to the perfect surface finish.

PRODUCT OVERVIEW

Here you will find a selection of products specially adapted to your area of application. You can find more products on the detail pages or at www.pfleiderer.com.

Duropal HPL Compact, black core



Ideal for projects that call for outstanding robustness, durability and high hygiene standards as well as outstanding material aesthetics. All of the finishes in the Design Collection are available on compact panels as well as HPL and DecoBoard. As the core is coloured black throughout, the material is suitable for solutions with visible edges as well as customised 3D engraving effects.



www.blauer-engel.de/uz76

Duropal Compact XTreme plus



The ultimate member of the XTreme family: The compact panel Duropal Compact XTreme plus for sophisticated and robust pieces of furniture as well as fitted furniture with antifingerprint effect and a supermatt finish. Considerably more scratch resistant and durable than comparable matt surfaces!



www.blauer-engel.de/uz76

> p. 64

Duropal Element P3



In the decor and structure composite within the DST system, HPL bonded boards with P3core are ideally suited for surfaces where the increased robustness of HPL and at the same time higher moisture resistance is required.

DecoBoard MDF.MR



Melamine faced decor panels with a low swell MDF core for even calmer looking surfaces. Ideal for rooms that are temporarily exposed to a higher level of humidity.

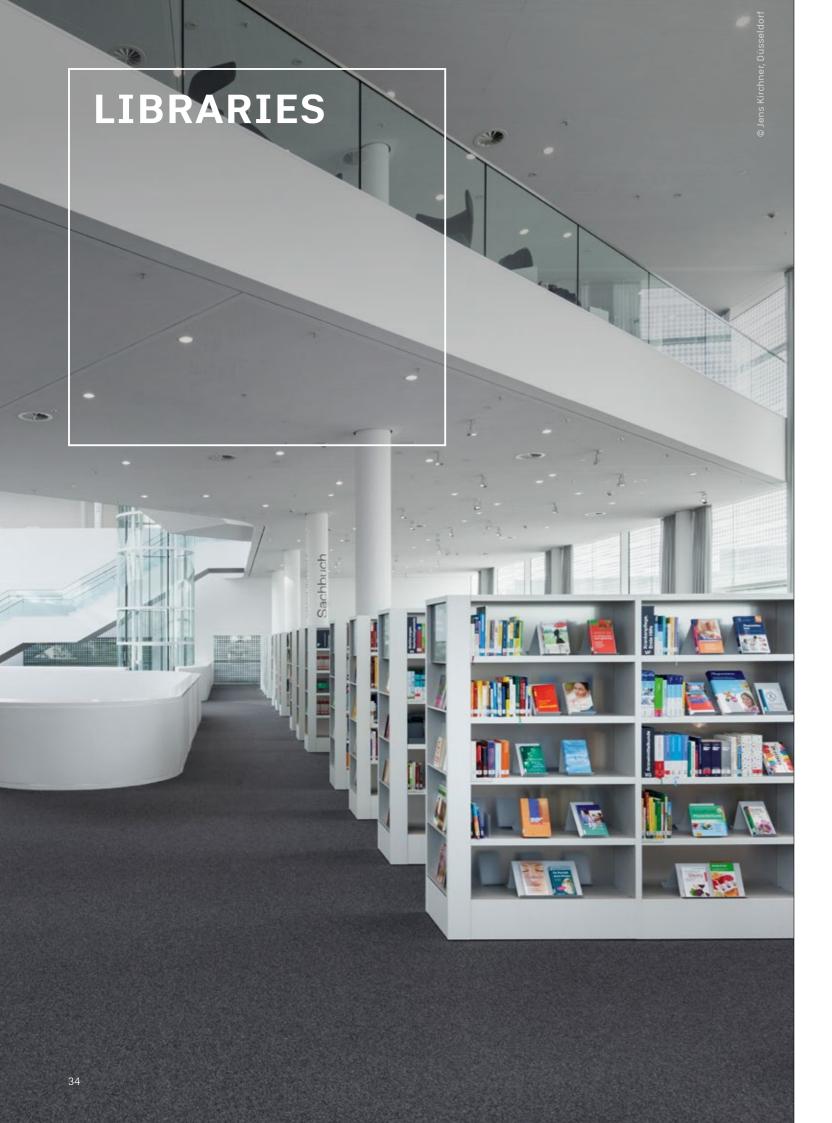
> p. 67 > p. 49

DecoBoard P3



Melamine faced decor panels with chipboard core for use in humid conditions. Ideal for rooms that are temporarily exposed to a higher level of humidity.

> p. 46



COMPLETELY FOCUSED:

ON LOAD-BEARING INTERIOR DESIGN ELEMENTS.

Whether a classic collection of books, a digital archive system or a refuge for focused working – the library plays a key role in the everyday lives of education facilities. Room concepts for libraries must take storage and presentation systems into account, as well as study spaces for the users. Pfleiderer's wood-based materials offer precisely the right properties for this: from extremely durable high-pressure laminate as a surface finish on horizontal areas to low emission chipboard panels with a decorative facing.

PRODUCT OVERVIEW

Here you will find a selection of products specially adapted to your area of application. You can find more products on the detail pages or at **www.pfleiderer.com**.

DecoBoard Pyroex



Flame retardant faced panels for maximum planning security with a wide range of design options thanks to the DST system. Ideal for wall and ceiling panels in public buildings!



> p. 47

DecoBoard MDF Pyroex



Flame retardant, faced MDF panel for maximum surface smoothness and a wide range of design options thanks to the DST system. Provides planning security with regard to fire protection, for example in furniture construction for public buildings.

> p. 50

Duropal flameprotect compact



These decorative non-combustible compact panels are used in the preventive fire-safety area for escape routes or public spaces. In short: wherever non-combustible materials are called for that must also be low-maintenance and attractive.

Duropal HPL Individual Motiv Pyroex



Decorative, robust and flame retardant highpressure laminate. Ideal for walls, doors, freestanding and fitted furniture in public buildings and retail spaces with higher fire safety requirements.

> p. 65

> p. 59

Duropal Element Pyroex



With our wide range of fire-safety products, we offer architects and planners not only planning reliability but also plenty of design scope. These flame retardant HPL bonded board is ideal for wall and ceiling panels in public institutions!

Duropal HPL Compact Pyroex, black core



Ideal for projects with increased fire protection requirements, the Pyroex compact panel is suitable for a wide range of applications in public facilities. It is also robust, durable and available in a wide range of decors. As the core is coloured black throughout, open edge solutions can also be implemented.

> p. 66

> p. 69



CLEVER INTERIOR DESIGN

WITH POTENTIAL FOR GROWTH.

Affordable accommodation is always scarce in university towns. For many students, halls of residence with furnished rooms are therefore a great alternative to the accommodation available on the open market.

Entire room concepts from one source

Designing areas with enough space to live, eat, sleep, study and preferably with some storage space on a small footprint, can be a real challenge. Pfleiderer's wood-based materials unlock a range of attractive options for ensuring that furniture and interior design elements can meet these requirements. With robust HPL for surfaces that are subject to heavy use and panels with a decorative facing in a matching decor for furniture and interior design elements that create a healthy living environment, ideas can be realised in a stylish and affordable way - if required, even cross-trade with the incredibly robust, supermatt XTreme surface finishes.

PRODUCT OVERVIEW

Here you will find a selection of products specially adapted to your area of application. You can find more products on the detail pages or at www.pfleiderer.com.

DecoBoard P2



Our all-rounder – available in many designs and formats! All of the designs in our Express range are available at short notice from stock!



DecoBoard P2 F****

Low emission melamine faced decor panel for a healthier living environment – available in all Pfleiderer collection decors!





DecoBoard MFP Hybrid



These high quality panels combine the advantages of classic chipboard with those of a high density fibreboard panel. Due to its increased bending strength, it is ideal for very wide shelving systems and furniture components.

Duropal HPL



High-pressure laminates in a wide range of selected DST system finish and texture combinations on DecoBoard products. The entire Design Collection is available from stock. Minimum offcut thanks to a range of formats from standard to non-standard widths for example also suitable for doors



> p. 51

Duropal XTreme



Extremely matt finish meets outstanding durability. The high-pressure laminate for sophisticated concepts - suitable for postforming, low-maintenance and also resistant to fingerprints and grease stains.



Duropal XTreme plus



Considerably more scratch resistant and durable than comparable matt surfaces! Duropal XTreme plus also brings the unique XTreme look and feel to horizontal surfaces and edges that are subject to heavy use.

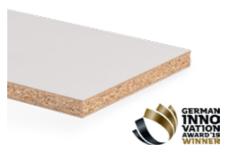


www.blauer-engel.de/uz76

> p. 55

PRODUCT INFORMATION

PrimeBoard XTreme P2



Melamine resin faced chipboard with high quality and innovative multi-layer coating made up of a permanently elastic functional layer and UV-curing acrylic coatings.

AREAS OF APPLICATION

Furniture and interior fitting

E1 E05

Exclusive interior and project fixtures and fittings, living room and bedroom furniture / sliding doors, bathroom furniture and kitchen fronts.

PRODUCT FEATURES	High brilliance Variety of decors and / or textures Easy to use and machine Variety of decors and / or textures Easy to use and machine Particularly low emission	
Product standard	In accordance with 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	Normally flammable D-s2,d0 according to EN 13986 dependent on end use (Thickness: \geq 9 mm / Gross density: \geq 600 kg/m³)	
EC scope	EN 13986:2004 +A1:2015 Boards for interior fitments (including furniture) for use in dry conditions.	

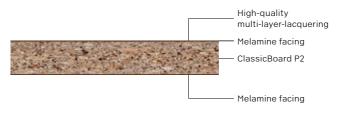
FORMAT IN MM

Length	Width	Thickness
2,800	2,100	10* 12* 13* 16 18 19 22 25 28

The lacquering can be applied on one or both sides. XTreme Matt (XT) / XTreme High Gloss (XG)

FSC certification or PEFC certification available on request.

Formaldehyde emission class









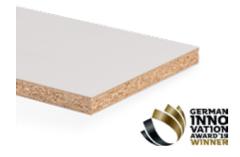




^{*} only in XTreme Matt (XT)

DECORATIVE PANELS LACQUERED BOARDS

PrimeBoard XTreme P2 CARB2



Emission-reduced melamine resin faced chipboard with high quality and innovative multi-layer coating made up of a permanently elastic functional layer and UV-curing acrylic coatings.

AREAS OF APPLICATION

Furniture and interior fitting

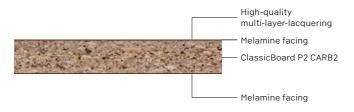
Exclusive interior and project fixtures and fittings, living room and bedroom furniture / sliding doors, bathroom furniture and kitchen fronts.

PRODUCT FEATURES	High brilliance Variety of decors and / or textures Easy care Anti-fingerprint		
	Easy to use and machine Particularly low emission		
Product standard	In accordance with EN 14322		
Core material	ClassicBoard P2 CARB2 Low emission particleboard core, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.		
Reaction to fire	Normally flammable D-s2,d0 according to EN 13986 dependent on end use (Thickness: \geq 9 mm / Gross density: \geq 600 kg/m³)		
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI		
Note	The lacquering can be applied on one or both sides. XTreme Matt (XT) / XTreme High Gloss (XG) FSC certification or PEFC certification available on request.		

FORMAT IN MM

Length	Width	Thickness
2,800	2,100	10* 12* 13* 16 18 19 22 25 28

^{*} only in XTreme Matt (XT)



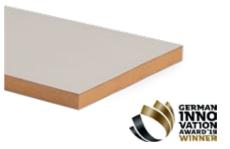








PrimeBoard XTreme MDF plus



Melamine resin faced medium-density fibreboard with high quality and innovative multi-layer coating made up of a permanently elastic functional layer and UV-curing acrylic coatings.

AREAS OF APPLICATION



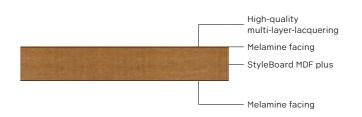
Exclusive interior and project fixtures and fittings, living room and bedroom furniture / sliding doors, bathroom furniture and kitchen fronts.

PRODUCT FEATURES	+ High brilliance	Variety of decors and / or textures	Anti-fingerprint
	Easy to use and machine		

	machine
Product standard	In accordance with EN 14322
Core material	StyleBoard MDF plus Medium-density fibreboard (MDF) according to EN 622-1, with uniform structure.
Reaction to fire	Normally flammable D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Gross density: ≥ 600 kg/m³)
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI
Note	The lacquering can be applied on one or both sides. XTreme Matt (XT) / XTreme High Gloss (XG) FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,100	12 16 18 19 22 25 28



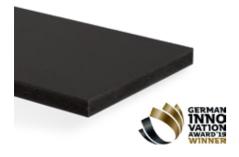




DECORATIVE PANELS

MELAMINE FACED BOARDS

PrimeBoard XTreme MDF Black Natural



Natural, raw, decorative black through-dyed, medium-density fibreboard with high quality and innovative multi-layer coating made up of a permanently elastic functional layer and UV-curing acrylic coatings.

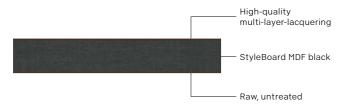
AREAS OF APPLICATION

Furniture and interior fitting

Shop design / product presentation, exclusive interior and project fixtures and fittings, living room and bedroom furniture / sliding doors, bathroom furniture and kitchen fronts.

PRODUCT FEATURES	High brilliance Easy care Anti-fingerprint Easy to use and machine		
Product standard	In accordance with EN 14322		
Core material	StyleBoard MDF black Decorative black colour-through pigmented medium-density fibreboard (MDF) according to EN 622-1, with uniform structure.		
Reaction to fire	Normally flammable D-s2,d0 according to EN 13986 dependent on end use (Thickness: \geq 9 mm / Gross density: \geq 600 kg/m³)		
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI		
Note	The lacquering can be applied on one or both sides. With 1-sided lacquering, the reverse is raw / untreated. XTreme Matt (XT) / XTreme High Gloss (XG) Due to the use of a natural wood-based material, the appearance of the panel can vary. Such deviations are due to the desired character of the product. As is usual with natural products, each board is unique. FSC certification or PEFC certification available on request.		

FORMAT IN MM





DecoBoard P2



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

AREAS OF APPLICATION



interior fitting

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

PRODUCT FEATURES



Variety of decors





duct	star	ndar	d	

EN 14322

ClassicBoard P2 Urea resin-bonded particleboard, type P2 in accordance with EN 312, suitable for non Core material

load-bearing purposes in dry areas. D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Reaction to fire Gross density: ≥ 600 kg/m³)

Particularly low

EN 13986:2004 +A1:2015

EC scope Boards for interior fitments (including furniture) for use in dry conditions.

Formaldehyde emission class

Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology **Antimicrobial effect** JIS Z 2801 / ISO 22196

FSC certification or PEFC certification available on request. Note

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













DecoBoard P2 CARB2



Emission-reduced particleboard, with decorative melamine resin facing on both sides, 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

Variety of decors and / or textures





Particularly low

Product standard EN 14322

ClassicBoard P2 CARB2 **Core material** Low emission particleboard core, type P2 in accordance with EN 312, suitable for non load-bearing purposes in dry areas.

D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Reaction to fire Gross density: ≥ 600 kg/m³)

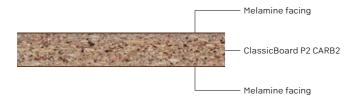
Formaldehyde emission class CARB Phase 2 / TSCA Title VI

Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology **Antimicrobial effect** JIS Z 2801 / ISO 22196

Note FSC certification or PEFC certification 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











DECORATIVE PANELS MELAMINE FACED BOARDS

DecoBoard P2 F****



Emission-reduced particleboard, with decorative melamine resin facing on both sides, awarded with the Blue Angel.

AREAS OF APPLICATION



Furniture and interior fitting

Pollutant-reduced integrated solutions for interior fitting and furniture in both private and public premises, such as hotels, schools, offices and administration buildings, especially when materials with exceptionally low emission potential are required.

PRODUCT FEATURES



Variety of decors and / or textures





|--|

F****

Particularly low

Product standard EN 14322

ClassicBoard P2 F**** **Core material** Low emission particleboard core, type P2 according to EN 312, suitable for non load-bearing purposes in dry areas.

D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Reaction to fire Gross density: ≥ 600 kg/m³)

Formaldehyde emission class Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology **Antimicrobial effect** JIS Z 2801 / ISO 22196

FSC certification or PEFC certification available on request.

FORMAT IN MM

Note

Length	Width	Thickness
2,655	2,100	8 10 16 18 19 25
2,800	2,100	19
5,310	2,100	8 10 16 18 19 25
5,600	2,100	19













MELAMINE FACED BOARDS

DecoBoard P3



Particleboard with melamine resin facing on both sides 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

Variety of decors





\bigcirc_{\Diamond}	moisture resistan

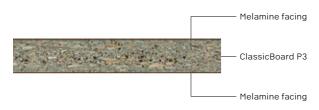
Product standard	EN 14322
Core material	ClassicBoard P3 Melamine resin bonded particleboard type P3, suitable for non load-bearing purposes in damp areas.
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: \geq 9 mm / Gross density: \geq 600 kg/m³)
EC scope	EN 13986:2004 +A1:2015 Non load-bearing boards for use in humid conditions.
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196

FORMAT IN MM

Note

Length	Width	Thickness
2,800	2,100	10 13 16 18 19 22 25 28 38
5,600	2100	10 13 16 18 19 22 25 28 38

FSC certification or PEFC certification available on request.





DECORATIVE PANELS MELAMINE FACED BOARDS

DecoBoard Pyroex



Flame resistant particleboard with decorative melamine resin facing on both faces, awarded with the Blue Angel.

AREAS OF APPLICATION



Furniture and interior fitting



Preventive fire protection in the decorative sector. For interior fitting as wall and ceiling coverings, installations, room dividers and furniture, in industrial and administrative buildings, schools, sports and festival halls, hotels and care facilities.

PRODUCT FEATURES



Variety of decors





Product standard	EN 14322

PremiumBoard Pyroex Core material Flame resistant particleboard, suitable for non load-bearing purposes in dry areas, for interior fitting and for furniture subject to higher demands on fire protection.

Flame retardant Reaction to fire B-s1,d0 (EN 13501-1) Formaldehyde emission class

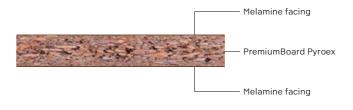
Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology **Antimicrobial effect** JIS Z 2801 / ISO 22196

FSC certification or PEFC certification available on request.

FORMAT IN MM

Note

Length	Width	Thickness
2,655	2,100	10 13 16 18 19 22 25 28 38
2,800	2,100	16 19
5,310	2,100	10 13 16 18 19 22 25 28 38
5,600	2,100	16 19









MELAMINE FACED BOARDS

DecoBoard MFP Hybrid



Combination of particleboard (MFP) as middle layer and one high-density thin fibreboard (HDF) as top layer on each side with decorative melamine resin facing on both sides.

AREAS OF APPLICATION

Furniture and interior fitting

Furniture construction and interior fitting, stage and set construction, shelving systems, furniture, shelves. Suitable for use in dry environ-

PRODUCT FEATURES	Variety of decors and / or textures Easy care Antimicrobial Food harmless	
	Low swelling / moisture resistant Low swelling / particularly high bending strength	
Product standard	EN 14322	
Core material	PremiumBoard MFP Hybrid PremiumBoard MFP Hybrid consists of a PremiumBoard MFP Living P5 as core layer combined with StyleBoard HDF as top layers with a thickness of 2 mm that can also be laminated on both sides. The MFP and HDF panels are glued using PVAC-glue (D4-glue). Due to its isotropic bending strength, its very good screw-holding strength and its high durability, the Hybrid wood-based panel is mainly suited for applications where high stability and load-bearing capacity are required.	
Formaldehyde emission class	E1 E05	
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196	

FORMAT IN MM

Note

Length	Width	Thickness
2,800	2,100	16 19 22 25
5,600	2,100	16 19 22 25

FSC certification or PEFC certification available on request.





DECORATIVE PANELS MELAMINE FACED BOARDS

DecoBoard MDF.MR



Medium-density fibreboard with uniform construction, reduced swelling behaviour and decorative melamine resin facing on both sides (MR = Moisture Resistant = with improved swelling values for damp areas).

AREAS OF APPLICATION



Carcass and front quality for furniture manufacture, shop fitting and interior design with higher demands on moisture resistance. Edges can be profiled and lacquered.

PRODUCT FEATURES



Variety of decors

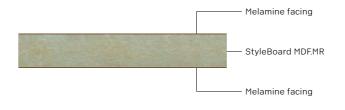


^	Low swellin
0	moisture
	resistant

	resistant
Product standard	EN 14322
Core material	StyleBoard MDF.MR Medium-density fibreboard (MDF) in accordance with EN 622-1, with uniform structure.
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: \geq 9 mm / Gross density: \geq 600 kg/m³)
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	ESC partification or DEEC partification available on request

FORMAT IN MM

Length	Width	Thickness	
2,655	2,100	18 19	
5,310	2,100	18 19	







MELAMINE FACED BOARDS

DecoBoard MDF Pyroex



Flame resistant, medium-density fibreboard with uniform layers and decorative melamine resin facing on both sides.

AREAS OF APPLICATION



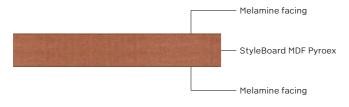


Wherever high demands are made on fire protection - flame resistant - and on the edge quality - for profiling and lacquering. Such as for furniture and shelving in shop fitting and interior design.

PRODUCT FEATURES	Easy care Antimicrobial Food harmless Flame retardant
Product standard	EN 14322
Core material	StyleBoard MDF Pyroex Flame resistant, medium-density fibreboard (MDF) according to EN 622-1, with uniform structure and outstanding surface stability.
Reaction to fire	Flame retardant C-s2,d0 (EN 13501-1)
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Note	FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness	
2,800	2,100	16 19	
5,600	2,100	16 19	





DECORATIVE PANELS

HIGH-PRESSURE LAMINATES (HPL)

Duropal HPL



Decorative high-pressure laminate in postforming quality according to EN 438-3:HGP/VGP, with robust melamine resin surface and sanded reverse.

AREAS OF APPLICATION



Furniture and interior fitting

Surface material for high quality kitchen and office furniture, for walls and doors, furniture and installations in retail and recreational facilities, in the restaurant sector, in administration buildings, day nurseries, schools, sanitary, clinical or laboratory sectors. Particularly where high demands are made on sturdiness, ease of care and hygiene.

PRODUCT FEATURES



Particularly low





1	\supset
_	

Product standard EN 438-3

Normally flammable Reaction to fire 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

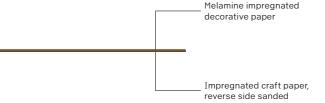
Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology **Antimicrobial effect** JIS Z 2801 / ISO 22196

Min. 1,350 kg/m³ (EN ISO 1183-1) Density

Note FSC certification or PEFC certification available on request.

FORMAT IN MM

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









Duropal HPL microPLUS®



Decorative high-pressure laminate in postforming quality according to EN 438-3:HGP/VGP, with robust melamine resin surface and an antimicrobial and antiviral surface finish (Sanitized Silver) and sanded reverse.

AREAS OF APPLICATION

-	Furniture and		_
-	interior fitting	_	Do

Surface material for high quality kitchen and office furniture, for walls and doors, furniture and installations in retail and recreational facilities, in the restaurant sector, in administration buildings, day nurseries, schools, sanitary, clinical or laboratory sectors. Particularly where high demands are made on sturdiness, ease of care and hygiene.

PRODUCT FEATURES	Variety of decors and / or textures Easy care Antimicrobial Food harmless			
Product standard	EN 438-3			
Reaction to fire	Normally flammable 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 E05			
Antimicrobial effect	Surface with antimicrobial effect in 7 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196			
Antiviral effect	Surface with antiviral effect against enveloped viruses in 24 h for interior fit-out and finishes – Test Methodology ISO 21702:2019			
Density	Min. 1,350 kg/m³ (EN ISO 1183-1)			
Note	Sanitized Silver is based on the natural effect of silver, embedded in a patented glass-ceramic. This additive is free of nanoparticles and is incorporated as a dispersion into the resin of our decor / overlay papers. Sanitized Silver remains in the product and does not wash out. The effect is ensured over the whole life cycle of the product. FSC certification or PEFC certification available on request.			

FORMAT IN MM

Length	Width	Thickness	
4,100	1,300	0.6 0.8 1.2	
5,300	1,300	0.6 0.8 1.2	

Melamine impregnated
decorative paper with antimicrobial
and antiviral surface microPLUS*

Impregnated craft paper,
reverse side sanded



DECORATIVE PANELS

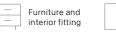
HIGH-PRESSURE LAMINATES (HPL)

Duropal XTreme



Decorative high-pressure laminate in postforming quality in accordance with EN 438-3:HGP/VGP, with robust, electron beam cured surface and sanded reverse. Duropal XTreme is an attractive supermatt surface material with an anti-fingerprint effect, which is one of the few products of its kind that is postformable.

AREAS OF APPLICATION



- Doo

Attractive surface material, appropriate for surface and edge applications providing the high-performance features of the well-known Duropal HPL products. Duropal XTreme may be used vertically as well as horizontally.

PRODUCT FEATURES



Variety of decors



rint T

Food harmle

6	Particularly low

Product standard In accordance with EN 438-3

Normally flammable

Reaction to fire 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 E05

Density

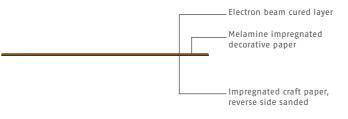
Min. 1,350 kg/m³ (EN ISO 1183-1)

Note

FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness	
2,050 – 5,300	1,300	0.6 0.8	
2,150	915	0.8	
2,150	950	0.8	
2,150	1,050	0.8	
2,150	1,300	0.8	
2,350	1,050	0.8	
2,350	1,300	0.8	
3,050	1,300	0.8	
4,100	1,300	0.6 0.8	
5,300	1,300	0.6 0.8	









53

HIGH-PRESSURE LAMINATES (HPL)

Duropal XTreme Touch



Decorative high-pressure laminate in postforming quality in accordance with EN 438-3:HGP/VGP, with robust, electron beam cured surface and sanded reverse. Duropal XTreme Touch is an attractive supermatt surface material with an anti-fingerprint effect in combination with natural-looking stone or wood structure, which is one of the few products of its kind that is postformable.

AREAS OF APPLICATION

-	Furniture and	
-	interior fitting	

- Doo

Attractive surface material, appropriate for surface and edge applications providing the high-performance features of the well-known Duropal HPL products. Duropal XTreme Touch may be used vertically as well as horizontally.

PRODUCT FEATURES



Variety of decors

Particularly low



Anti-finger



Food barmlage

Product	standar	d

In accordance with EN 438-3

Reaction to fire

Normally flammable 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

Min. 1,350 kg/m³ (EN ISO 1183-1)

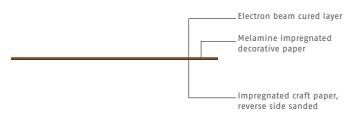
Density

Note FSC certification or PEFC certification available on request.

E1 E05

FORMAT IN MM

Length	Width	Thickness	
2,050 – 5,300	1,300	0.6 0.8	
4,100	1,300	0.6 0.8	
5.300	1.300	0.6 0.8	









DECORATIVE PANELS

HIGH-PRESSURE LAMINATES (HPL)

Duropal XTreme plus



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

AREAS OF APPLICATION



Furniture and interior fitting

- Do

Attractive surface material, appropriate for surface and edge applications providing the high-performance features of the well-known Duropal HPL products. Duropal XTreme plus is suitable for vertical applications as well as for horizontal, heavily-used contact surfaces.

PRODUCT FEATURES



Easy care

High scratch



rint 5



Food harmless

Reaction to fire

sistance



Particularly low emission

Product standard In accordance with EN 438-3

Normally flammable

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 E05

Surface with antimic

Lacquered decorative

Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196

Density Min. 1,350 kg/m³ (EN ISO 1183-1)

FSC certification or PEFC certification available on request.

FORMAT IN MM

Note

Antimicrobial effect

Length	Width	Thickness	
2,050 – 5,300	1,300	0.8	
4,100	1,300	0.8	
5,300	1,300	0.8	

paper with electron-bean hardened curing

Impregnated craft paper, reverse side sanded







Duropal HPL Individual Motiv



High-pressure laminate in standard quality with individual digital printed motifs in accordance with EN 438-3:HGS/VGS. 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.

Furniture and AREAS OF APPLICATION interior fitting 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 use outdoors. Individual PRODUCT FEATURES Particularly low **Product standard** In accordance with EN 438-3 Normally flammable Reaction to fire 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 Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology **Antimicrobial effect** JIS Z 2801 / ISO 22196 Density Min. 1,350 kg/m³ (EN ISO 1183-1) Maximum motif format per board, incl. overprinting: 2,750 mm x 2,030 mm. Larger motifs can be tiled. Note Cut to size is not available. Colour differences can occur in follow-up production lots. FSC certification or PEFC certification available on request.

Melamine
resin-impregnated
motif print

Impregnated craft paper,
reverse side sanded

FORMAT IN MM







DECORATIVE PANELSHIGH-PRESSURE LAMINATES (HPL)

Duropal HPL Individual Dekor



AREAS OF APPLICATION

High-pressure laminate in postforming quality with individual digital printed motifs according to EN 438-3:HGP/VGP. The reverse is sanded ready for gluing. Would you like to take colour ideas from our Inspiration Dekor collection or do you have your own decor proposals? Then Individual Dekor fits your requirements. This applies to requirements in industrial quantities in our cylinder print colour spectrum.

	' '			
Durable surface material for creative tional facilities, doctors' surgeries and	· ·		,	educational and recrea-
PRODUCT FEATURES	Individual printed motif	Easy care	Antimicrobial	Food harmless

Furniture and

interior fitting

	Particularly low emission
Product standard	EN 438-3
Reaction to fire	Normally flammable 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 E05
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196
Density	Min. 1,350 kg/m³ (EN ISO 1183-1)
Note	FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness	
2,050 – 5,300	1,300	0.8	
2,800	2,070	0.8	
5,600	2,070	0.8	

Melamine
resin-impregnated
motif print

Impregnated craft paper,
reverse side sanded







57

Duropal HPL Pyroex



Decorative high-pressure laminate in flame retardant quality according to EN 438-3:HGF/VGF, with robust melamine resin surface and sanded reverse.

AREAS OF APPLICATION

Furniture and

Flame retardant surface material for walls and doors, furniture and installations in public buildings and special constructions, such as railway stations and airports, retail and recreational facilities, public areas, hotels, schools, care home facilities and hospitals.

PRODUCT FEATURES

Variety of decors





Product standard

EN 438-3

Flame retardant grade C-s1,d0 (EN 13501-1)

Reaction to fire

Depending on the core material and adhesive used, HPL flat bonded elements may have a different classification. We recommend the use of the product Duropal Element Pyroex.

Formaldehyde emission class

Surface with antimicrobial effect in 24 h for interior fit-out and finishes - Test Methodology

Antimicrobial effect JIS Z 2801 / ISO 22196

Density Min. 1,350 kg/m³ (EN ISO 1183-1)

Note

FSC certification or PEFC certification available on request.

FORMAT IN MM

Width Thicknes
2.070 0.8 1.2

Melamine impregnated decorative paper Flame retardant impregnated craft paper reverse side sanded





DECORATIVE PANELS

HIGH-PRESSURE LAMINATES (HPL)

Duropal HPL Individual Motiv Pyroex



High-pressure laminate in flame retardant quality with individual digital printed motifs in accordance with EN 438-3:HGF/VGF. 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

Flame retardant surface material for the trade fair, shop and event sector, for public buildings and special constructions, hotels, schools, doctors' surgeries and clinics. Whenever special demands are made on the individual design, the ease of care or durability in addition to the constructional fire protection.

PRODUCT FEATURES Flame retardant **Product standard** In accordance with EN 438-3 Flame retardant grade C-s1,d0 (EN 13501-1) Reaction to fire Depending on the core material and adhesive used, HPL flat bonded elements may have a different classification. We recommend the use of the product Duropal Element Pyroex. Formaldehyde emission class E1 E05 Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology **Antimicrobial effect** JIS Z 2801 / ISO 22196 Min. 1,350 kg/m3 (EN ISO 1183-1) Density Maximum motif format per board, incl. overprinting: 2,750 x 2,030 mm. Larger motifs can be tiled. Note Cut to size is not available. Colour differences can occur in follow-up production lots. FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness	
2,800	2,070	1.2	

Melamine resin-impregnated motif print Flame retardant impregnated craft paper. reverse side sanded





DECORATIVE PANELS COMPACT LAMINATES

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

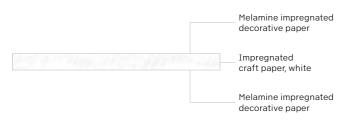


 $For unusual furniture \ and interior \ concepts \ in \ the \ home \ and \ contract \ sectors, in \ leisure \ and \ spa \ facilities, in \ shop \ design, in \ catering, as \ well$ as in humid and wet conditions in which particular robustness, durability and high hygienic standards including aesthetics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

PRODUCT FEATURES	Variety of decors and / or textures Easy care Low swelling / moisture resistant Easy care Particularly low emission 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): 2,800 x 2,070 x 6 – 15 mm, 4,100 x 1,300 x 6 – 12 mm		
Formaldehyde emission class	E1 E05		
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196		
Density	Min. 1,400 kg/m³ (EN ISO 1183-1)		
Note	2,800 x 2,070 mm – FSC certification or PEFC certification available on request. 4,100 x 1,300 mm – With PEFC-certification.		

FORMAT IN MM

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









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

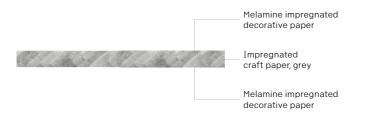


For unusual furniture and interior concepts in the home and contract sectors, in leisure and spa facilities, in shop design, in catering, as well as in humid and wet conditions in which particular robustness, durability and high hygienic standards including aesthetics are required of the material. The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

PRODUCT FEATURES	Variety of decors and / or textures Easy care Low swelling / moisture resistant Easy care Food harmless 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)	
Formaldehyde emission class	E1 E05	
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196	
Density	Min. 1,400 kg/m³ (EN ISO 1183-1)	
Note	With PEFC-certification.	

FORMAT IN MM

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







DECORATIVE PANELS

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



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	Variety of decors and / or textures Easy care Antimicrobial Food harmless	
	Low swelling / moisture resistant Low swelling / moisture resistance High impact resistance Particularly low emission	
Product standard	EN 438-4	
Core material	Compact laminate black core Uniform black 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): 2,800 x 1,860 x 6 – 15 mm, 2,800 x 2,070 x 6 – 15 mm, 4,100 x 1,300 x 6 – 15 mm, 5,600 x 2,070 x 6 – 13 mm	
EC scope	EN 438-7:2005 Compact laminate intended for internal wall and ceiling finishes (including suspended ceilings)	
Formaldehyde emission class	E1 E05	
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196	
Density	Min. 1,350 kg/m³ (EN ISO 1183-1)	
Note	2,800 x 1,860/2,070 mm; 5,600 x 2,070 mm – FSC-certification or PEFC-certification available on request. 4,100 x 1,300 mm – With PEFC-certification.	

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	



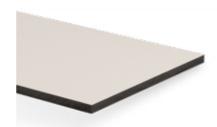






COMPACT LAMINATES

Duropal HPL Compact Pyroex, black core



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

AREAS OF APPLICATION



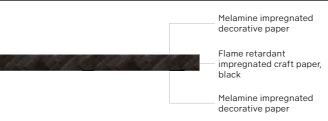


Preventive fire protection in interior design, for damp and wet areas and wherever outstanding durability of the material is demanded, e.g. as wall protection. Also for furniture and installation elements, particularly when low material cross-sections or open edge solutions are required as part of fire protection concepts.

PRODUCT FEATURES	Variety of decors and / or textures Easy care Low swelling / moisture resistant Flame retardant Flame retardant	
Product standard	EN 438-4	
Core material	Flame retardant compact laminate black core Uniform black through-pigmented solid compact laminate core, suitable for applications with high requirements for the surface spread of flame.	
Reaction to fire	Flame retardant grade C-s2,d0 (EN 13501-1): 2,800 x 2,070 x 4 – 6 mm, 5,600 x 2,070 x 4 – 6 mm B-s1,d0 (EN 13501-1): 2,800 x 2,070 x 8 – 15 mm, 5,600 x 2,070 x 8 – 13 mm	
EC scope	EN 438-7:2005 Compact laminate intended for internal wall and ceiling finishes (including suspended ceilings)	
Formaldehyde emission class	E1 E05	
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196	
Density	Min. 1,350 kg/m³ (EN ISO 1183-1)	
Note	FSC certification or PEFC certification available on request.	

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	4 5 6 8 10 12 13 15
5,600	2,070	4 5 6 8 10 12 13











DECORATIVE PANELSCOMPACT LAMINATES

Duropal Compact XTreme plus



Compact high-pressure laminate in standard quality in accordance with EN 438-4:CGS or EN 438-9:BCS. With uniform black-, grey- or white-coloured core and electron beam cured surface on both sides. Duropal Compact XTreme plus is an attractive supermatt compact material with an anti-fingerprint effect, which is ideal for horizontal, heavily used surfaces.

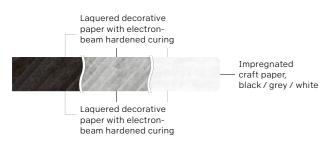
AREAS OF APPLICATION



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 heavy-duty, horizontal surfaces, open edge solutions as well as for engraving for individual 3D effects.

PRODUCT FEATURES	Easy care Anti-fingerprint Anti-fingerprint Antimicrobial Food harmless Low swelling / moisture resistance Particularly low emission	
Product standard	Black core: In accordance with EN 438-4 White / grey core: In accordance with EN 438-9	
Core material	Compact laminate black / grey / white core Uniform black / grey / 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)	
EC scope	Compact laminate black EN 438-7:2005 Compact laminate intended for internal wall and ceiling finishes (including suspended ceilings)	
Formaldehyde emission class	E1 E05	
Antimicrobial effect	Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196	
Density	Min. 1,350 kg/m³, min. 1,400 kg/m³ (EN ISO 1183-1)	
Note	With PEFC-certification.	

FORMAT IN	MM	THICKNESS IN MM		
Length	Width	Black core	White / grey core	
4,100	1,300	6 8 10 12 13	6 8 10 12	





Duropal flameprotect compact



Non-combustible fire protection panel of primarily mineral constituents with uniform white-coloured core and decorative melamine resin surface on both sides in accordance with EN 438-4.

AREAS OF APPLICATION





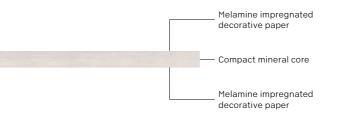
Fire protection

For universal use in preventive fire protection to reduce the spread of flame. Particularly useful where non-flammable materials are required and high demands are made on the design and ease of care. The area of application covers decorative interior fitting as furniture, installations and wall coverings in corridors and stairways (escape routes) in standard buildings, but also for higher demands in special buildings such as high-rise apartment blocks, large office buildings, hospitals, care facilities, schools, day nurseries, hotels, sales rooms and public areas, etc. Use in wet areas and outdoors, as well as mechanical surface stress, is not recommended.

PRODUCT FEATURES	Variety of decors and / or textures Easy care Food harmless Non-combustible	
	High impact resistance	
Product standard	In accordance with 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.	
Reaction to fire	Non-combustible A2-s1,d0 (EN 13501-1)	
Formaldehyde emission class	E1 E05	
Density	$1,900 \text{ kg/m}^3 \pm 50 \text{ kg/m}^3 \text{ (EN ISO 1183-1)}$	
Note	Please comply with information for the Duropal flameprotect compact collection at www.pfleiderer.com.	

FORMAT IN MM

Length	Width	Thickness	
2.800	2.070	4 6 7 8 10 12 13 15	





Duropal Element Pyroex



Flame retardant HPL bonded board consisting of a particleboard with improved flame resistance, surfaced on both sides with Duropal HPL Pyroex.

AREAS OF APPLICATION





Wherever high demands are made on quality and durability in addition to preventive fire protection in decorative interior design. For wall coverings, installations and interior furnishing in industrial, sales and administration buildings, in recreational facilities and public areas, such as schools, sports and festival halls, cinemas, discotheques, hotels, hospitals and care home facilities.

DDUDITOT	FEATURES
PRODUCI	FEATURES





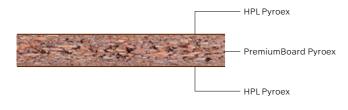


S F	lame retard
-----	-------------

	The resident		
Product standard	EN 13894-1		
Core material	PremiumBoard Pyroex Flame resistant particleboard, suitable for non load-bearing purposes in dry areas, for interior fitting and for furniture subject to higher demands on fire protection.		
Reaction to fire	Flame retardant C-s2,d0 (EN 13501-1)		
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 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196		
Note	FSC certification or PEFC certification available on request.		

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	17.6 20.6





DECORATIVE PANELS HPL BONDED BOARDS

Duropal Element P3



HPL bonded board consisting of a moisture-resistant particleboard type P3 to EN 312 for damp areas, surfaced 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	Variety of decors and / or textures Low swelling / moisture resistant Variety of decors and / or textures Easy care Antimicrobial Food harmless		
Product standard	EN 13894-1		
Core material	ClassicBoard P3 Melamine resin bonded particleboard type P3, 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 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196		

FORMAT IN MM

Note

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

FSC certification or PEFC certification available on request.











Duropal Element MDF Pyroex



Flame retardant HPL bonded board consisting of a medium-density fibreboard (MDF) with uniform structure to EN 622-1, surfaced on both sides with Duropal HPL Pyroex.

AREAS OF APPLICATION



Wherever a durable, outstanding surface quality – for profiling and lacquering – is required in conjunction with improved fire protection: For furnishings and installations in sales and recreational facilities, public buildings, special buildings and public areas, also in the trade fair and

PRODUCT FEATURES





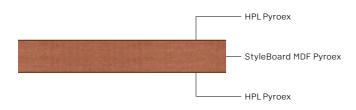


Antimi

	Flame retardant		
Product standard	EN 13894-1		
Core material	StyleBoard MDF Pyroex Flame resistant, medium-density fibreboard (MDF) according to EN 622-1, with uniform structure and outstanding surface stability.		
Reaction to fire	Flame retardant C-s2,d0 (EN 13501-1)		
EC scope	EN 438-7:2005 HPL composite panel intended for internal wall and ceiling finishes (including suspende ceilings)		
Formaldehyde emission class	E1 E05 CARB Phase 2 / TSCA Title VI		
Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Me JIS Z 2801 / ISO 22196			
Note	FSC certification or PEFC certification available on request.		

FORMAT IN MM

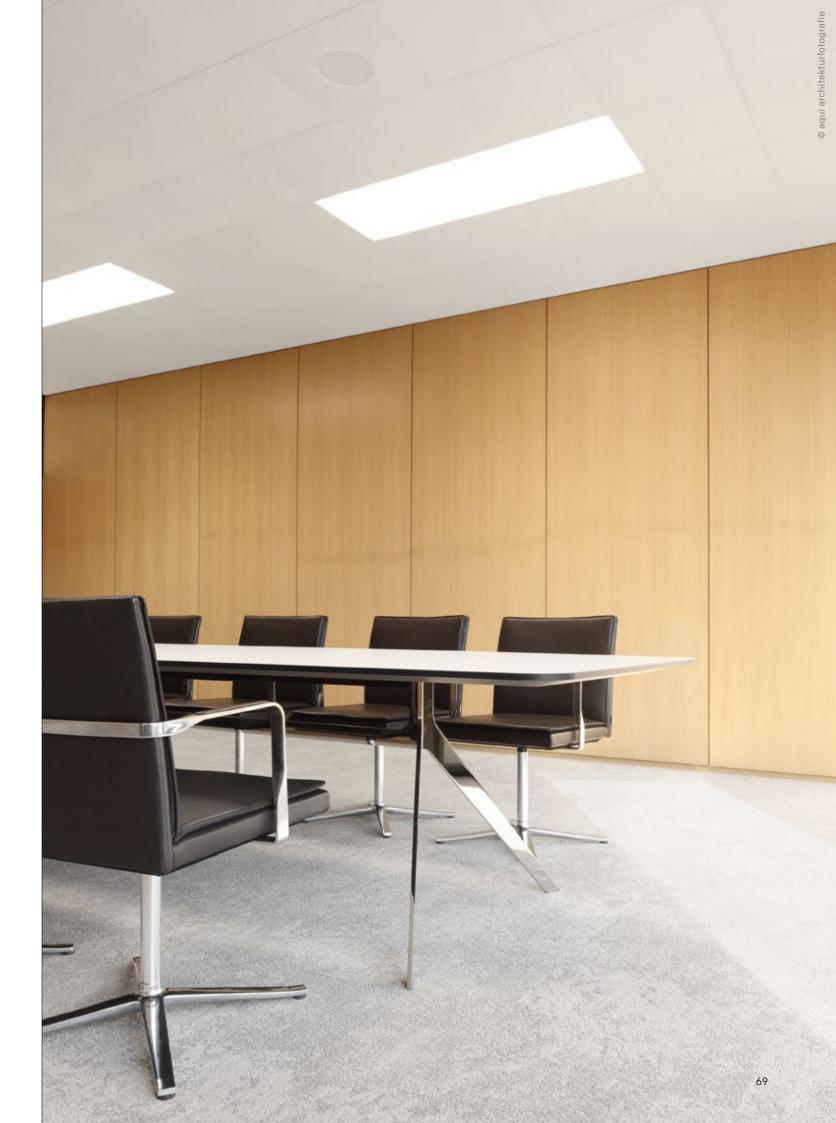
Length	Width	Thickness
2,800	2,070	17.6 20.6

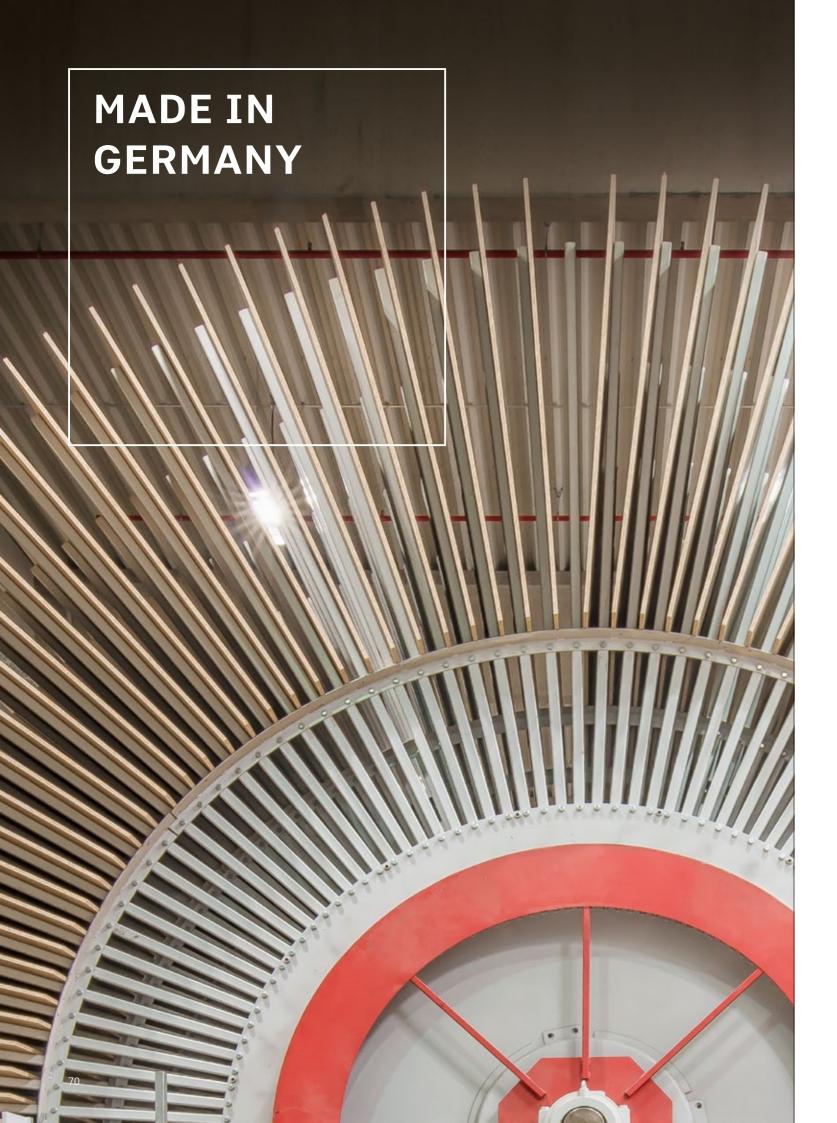












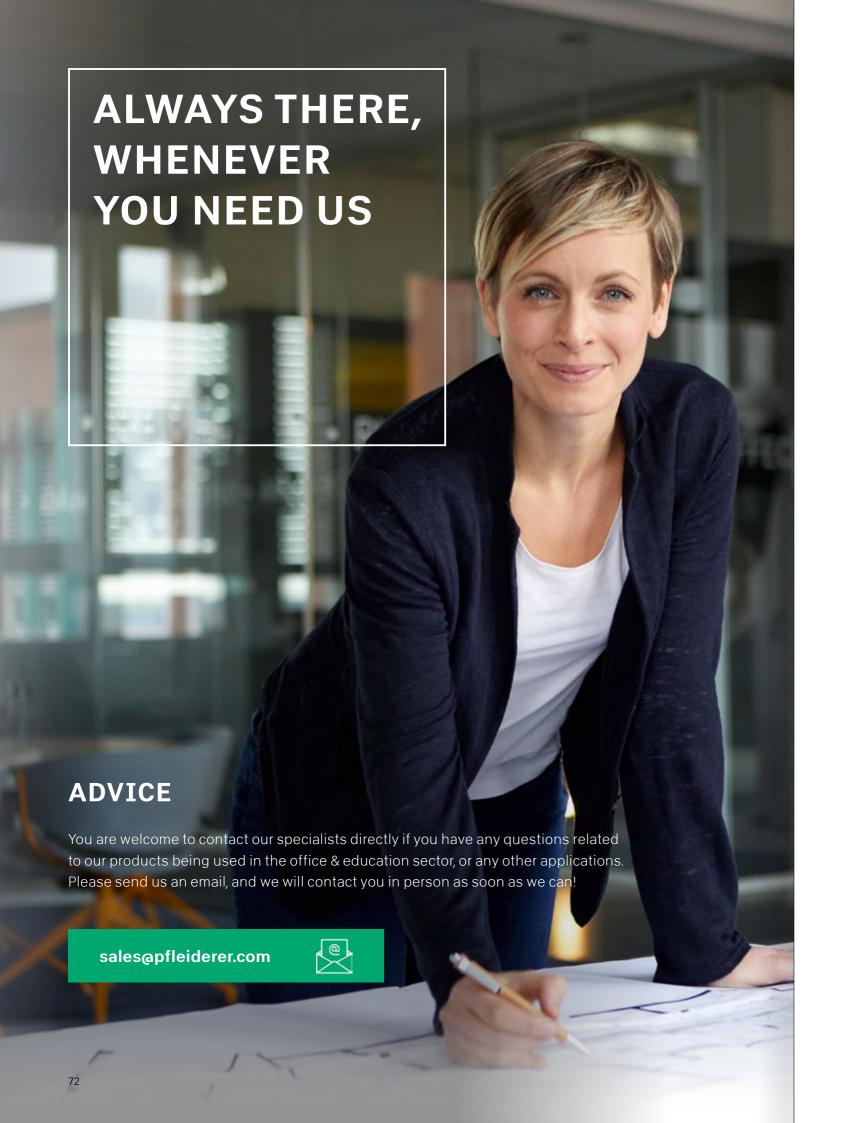
UNCOMPROMISINGLY GOOD: AT PFLEIDERER QUALITY HAS A SYSTEM.

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



OTHER USES

You will find more detailed information about the areas where Pfleiderer's wood-based materials can be used in our sector brochures.





Kitchen





Health & Care





Doors





Home & Living





Hospitality & Catering





Shop & Exhibition



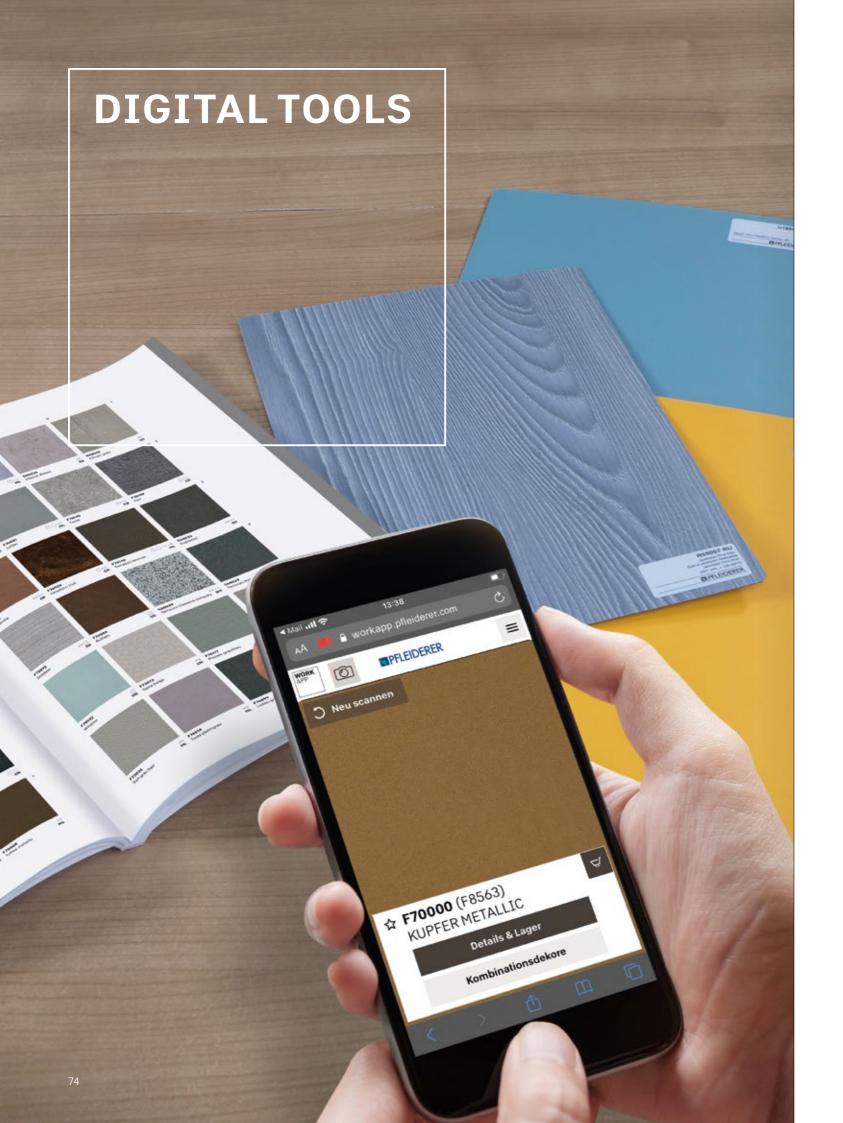


Timber Construction

Suitable concepts for all areas of use

Each industry sector follows its own rules – also when it comes to the wood-based materials it uses. If they are to represent a genuine added value, their aesthetics, workability and functionality must be just right. Precisely this is the idea of Pfleiderer's areas of use. We present sector-specific coordinated product and material solutions that make it possible for you to overcome your challenges – from interior and exterior to construction uses.

You can simply download the brochures from **pfleiderer.com** via a QR code, or order them via the sample shop.



ILLUSTRATIVE AND RESULTS-DRIVEN: DIGITAL SERVICES FROM PFLEIDERER.

The digital world has even opened up new possibilities and advantages when working with wood-based panels. Pfleiderer offers its partners a wide range of tools that make selecting, designing, planning, visualising and realising projects significantly easier. Find out about our digital services – you'll never want to be without them again.

WorkApp



workapp.pfleiderer.com

The quickest way to find the answers to all your decor-related questions: simply open the DecorScanner 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 productfinder 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!

Solution Guide



pfleiderer.com/global-en/solutions/furniture-and-interior-fitting/office-education

Your perfect solution is just a few clicks away! Simply select components, surface properties and decor. Done! We will then recommend the ideal Pfleiderer materials for your project. You can also order samples of your selection via the Solution Guide and arrange a personal consultation.

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.

Moodboard Tool



moods.pfleiderer.com

Get the first glimpse of your desired decor before you order! Just upload your own image to our Moodboard Tool. The tool extracts the colours from your motif and suggests suitable decors from our portfolio. You can then save your created Moodboard 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 Configurator



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



pfleiderer.com/bim

Simply transfer product information, decor and texture images into your digital project planning.

Declarations of performance



pfleiderer.com/declarations-of-performance

In this area, you'll find a digital version of all relevant declarations of performance.

Eco Product Insights



pfleiderer.com/eco-product-insights

100 % transparent sustainability: all information on certificates, emission classes and recycled wood content is available at a glance.



You'll also find everything you need to know about the digital tools at **pfleiderer.com**







© Copyright 2023 Pfleiderer Deutschland GmbH.

This information is issued with great care. We do not however accept any responsibility for the accuracy, completeness and timeliness. There may be slight colour differences between the printed brochure image and the actual design.

Due to the continuous development and modification of our products, possible changes to the relevant standards, laws and regulations, our technical data sheets and product documents expressly do not represent a legally binding guarantee of the properties specified therein. In particular, no suitability for a specific purpose can be derived from this information. It is therefore the personal responsibility of the individual user to check the processing and suitability of the products described in this document for the intended use and to take into account the legal framework and the current state of the art. Furthermore, we expressly refer to the validity of our general terms and conditions.

You can find our general terms and conditions on our webpage: www.pfleiderer.com

Pfleiderer uses wood from Certified Sustainable Forest Management.









www.blauer-engel.de/uz76

- low emissions
- wood from sustainable forestry
- no adverse impact on health in the living environment

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.

Pfleiderer UK Limited · Greenway House · Larkwood Way · Tytherington Business Park · Macclesfield · Cheshire SK10 2XR · England Tel.: +44 (0) 16 25 660 410 · info-uk@pfleiderer.com · www.pfleiderer.com