

HEALTH & CARE

WOOD-BASED
MATERIAL SOLUTIONS
BY PFLEIDERER

© uwe spoering fotograf, Heikau

MADE IN GERMANY

MAKE
YOUR
VISIONS
WORK.

MAKE YOUR VISIONS WORK.

WOOD-BASED PANELS THAT OPEN UP NEW PERSPECTIVES.

From design to completed projects, every step counts. After all, designs are only really appealing if they can also be achieved. By choosing Pfeiderer, you're off to the right start. Aesthetic, functional and the perfect design solution. 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 Pfeiderer.



Learn more about our solutions in the area of medical environments and care facilities online at [pfeiderer.com](https://www.pfeiderer.com)

WOOD-BASED MATERIAL SOLUTIONS FOR MEDICAL ENVIRONMENTS AND CARE FACILITIES

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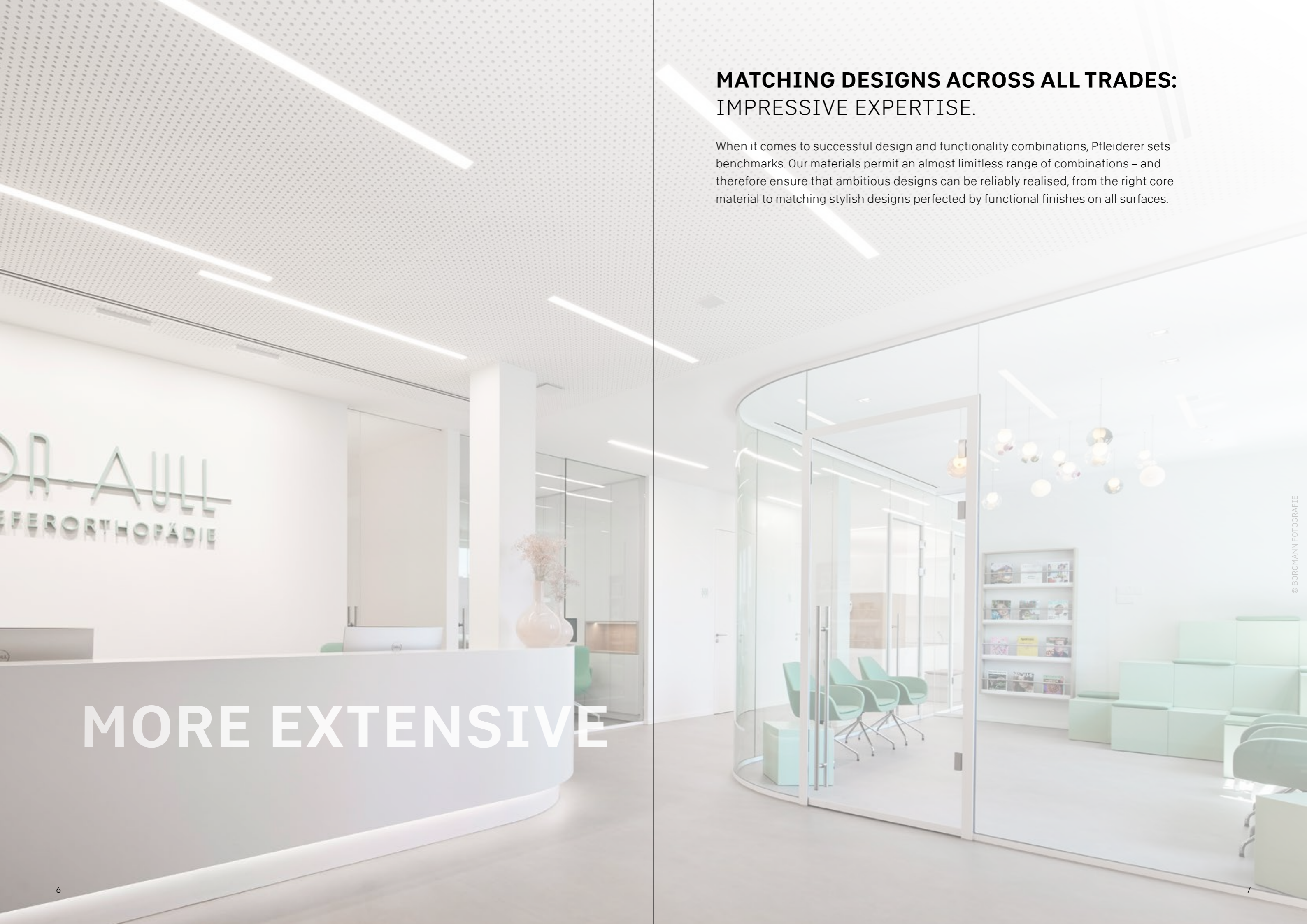
**HEALTHIER
BUILDING
WITH NEW
IDEAS**

**MORE EXTENSIVE
MORE HYGIENIC**

**HEALTHIER LIVING
ENVIRONMENT
MORE ADAPTABLE**

**PFLEIDERER SOLUTIONS FOR MEDICAL
AND CARE FACILITIES.**

Justifiably, the highest standards apply in medical and care facilities. In hospitals, surgeries as well as treatment and care facilities, a perfect balance must be achieved between construction, hygiene and also aesthetic requirements. This is where our range of wood-based materials comes into its own – because it offers a uniquely wide portfolio for high quality customised solutions, from stylish decors to functional surface textures and the core material used for construction purposes. Learn more about Pfeleiderer's portfolio for medical and care facilities.



MATCHING DESIGNS ACROSS ALL TRADES: IMPRESSIVE EXPERTISE.

When it comes to successful design and functionality combinations, Pfleiderer sets benchmarks. Our materials permit an almost limitless range of combinations – and therefore ensure that ambitious designs can be reliably realised, from the right core material to matching stylish designs perfected by functional finishes on all surfaces.

MORE EXTENSIVE

DEVELOPED WITH PRACTICALITY IN MIND: FROM THE CORE MATERIAL TO A FUNCTIONAL SURFACE FINISH.

Surfaces in medical and care facilities must do more than just look good. Pfleiderer's wood-based materials therefore also contribute the perfect inner values: our range offers the construction and technical properties that are needed to plan and realise entire interior fit-outs with materials obtained from one source, including moisture-resistant and soundproof core materials and materials with structural load-bearing capacities. They also meet all of the special requirements with regard to building regulation fire safety requirements, which is particularly important in public buildings frequented by a large number of people. In short: we offer you a system that makes it possible to realise projects that are safe, matching and high quality throughout.



WELL THOUGHT OUT, LAYER BY LAYER

Pfleiderer's DST system is designed with maximum solution-orientation in mind. This means that, from the surface texture to the decor and the core material, almost all of our wood-based materials can be combined with each other to realise room concepts with matching, robust and low maintenance decors in an economical way that can also do more than just look good.

UNLOCKING NEW PERSPECTIVES IN THE DOOR AREA

A high quality interior design obviously also extends to the doors. In this area, Pfleiderer's wood-based materials also provide well thought out, practical solutions: with materials in all standard formats, from the robust, decorative HPL coating for the door panel cover to the door core material and the door jamb.

However, Pfleiderer also offers an optimum range for extremely wide doors, regardless of whether these lead into rooms or are sliding or operating theatre doors, for a flush look that perfectly meets all hygiene requirements.





MORE HYGIENIC

ADDITIONAL HEALTH PROTECTION: FOR SURFACES SUBJECT TO HEAVY USE.

Pfleiderer's wood-based materials are an excellent choice for meeting the strict hygiene requirements in the healthcare sector. Particularly Duropol 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 compromises in terms of the other material qualities. Perfectly suitable for interior design elements that call for additional hygiene protection.

STÜTZPUNKT

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

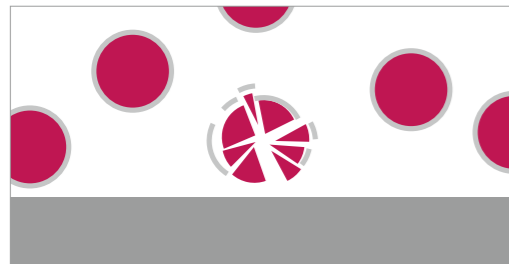
Antimicrobial surfaces reduce the risk of people becoming infected with pathogens via surfaces. This additional protection is an advantage, especially when there is a high frequency of visitors and high hygienic demands.

- 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)



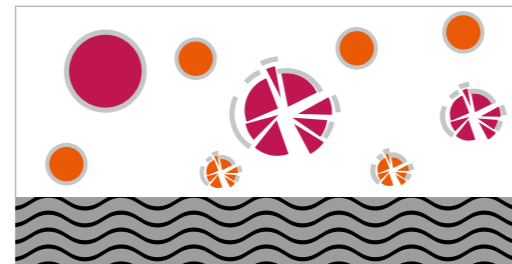
- Bacteria
- Standard surfaces

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



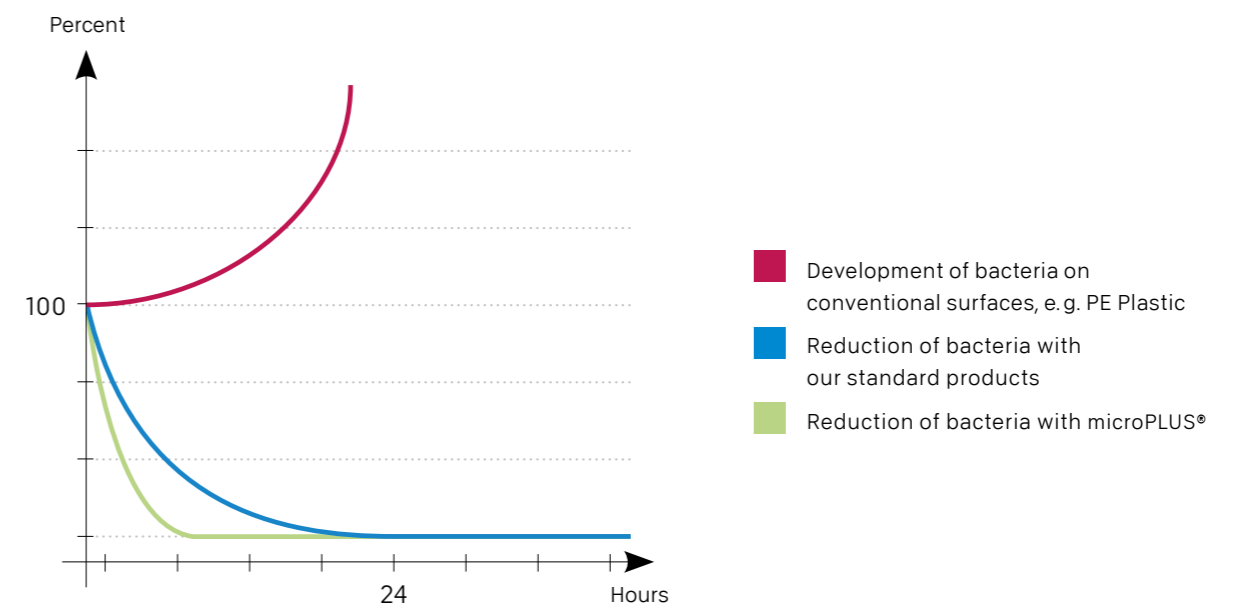
- Enveloped viruses
- microPLUS® surface

available as

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



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MORE ADAPTABLE

STRIKING AS WELL AS PERFECT:
DECORS THAT UNLOCK POSSIBILITIES.

Medical facilities in particular should be places where people feel comfortable and well cared for. A well-balanced interior design improves the well-being of patients, expresses appreciation of the staff and promotes a positive overall impression. With its stylish decors and functional surfaces, Pfleiderer offers the basis for high quality interior design across all trades.



TOP-QUALITY DESIGNS: WOOD-BASED MATERIALS FOR AN APPEALING AMBIENCE.

Pfleiderer's range of products unlocks scope for a stylish matching design throughout, from a uniquely wide palette of brilliant, finely nuanced plain decors to fascinatingly realistic stone, wood as well as fantasy decors. The DST system ensures that the required decors are available across all trades – from the hardwearing HPL surface to the high quality melamine facing.

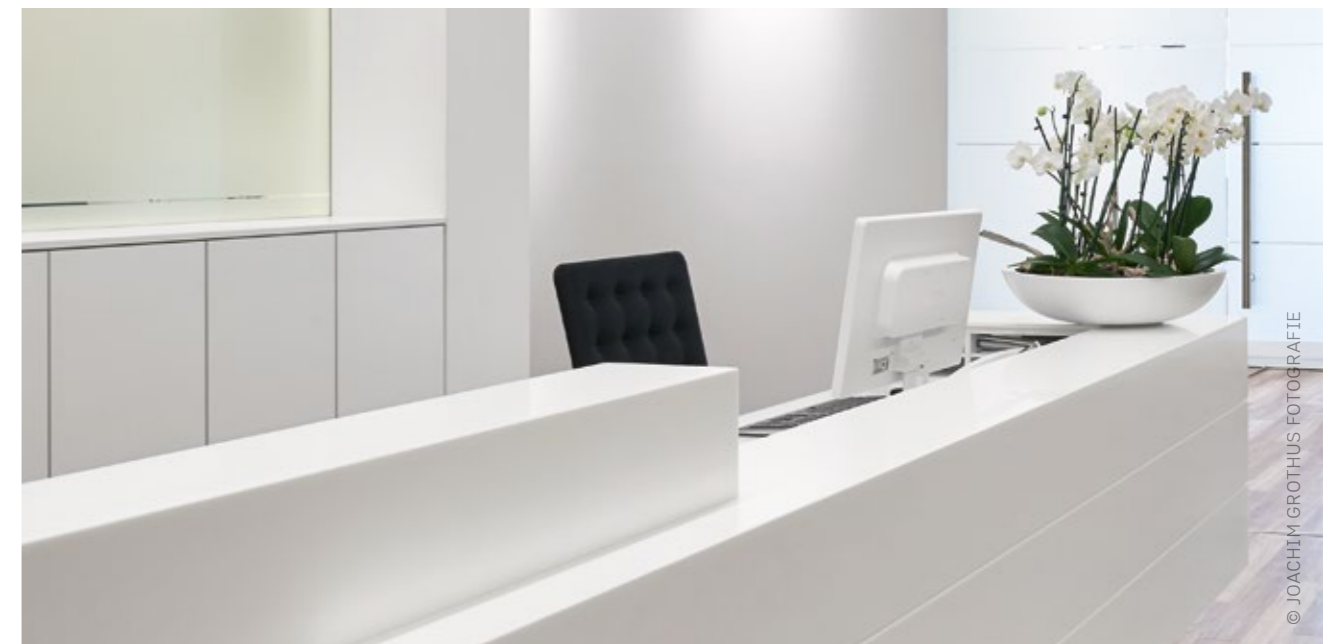
Fascinatingly matt

With the innovative FunXTional Products, Pfleiderer proves that matt design concepts can also be realised in a way that meets all requirements in terms of aesthetics, robustness and suitability for everyday use. The Xtreme surface with anti-fingerprint effect uniquely combines high quality plain decors with a soft feel. Xtreme plus is a high-pressure laminate that is exceptionally scratch resistant, and therefore also suitable for horizontal contact areas that are subject to heavy use. The respective solution for vertical surfaces is available in the form of PrimeBoard with an innovative multilayered coating.

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



See pfleiderer.com/trends
for the latest trends



HEALTHIER LIVING ENVIRONMENT

MORE THAN JUST SURFACES:
UNCOMPROMISINGLY ECO-FRIENDLY
INTERIOR DESIGN.

Compared to other materials, wood inherently offers a range of advantages when it comes to healthy, sustainable construction. Pfliegerer's wood-based materials make it possible to systematically realise interior designs that make full use of these advantages. With circular economy raw materials and certified low emission products, they meet the highest interior design standards.

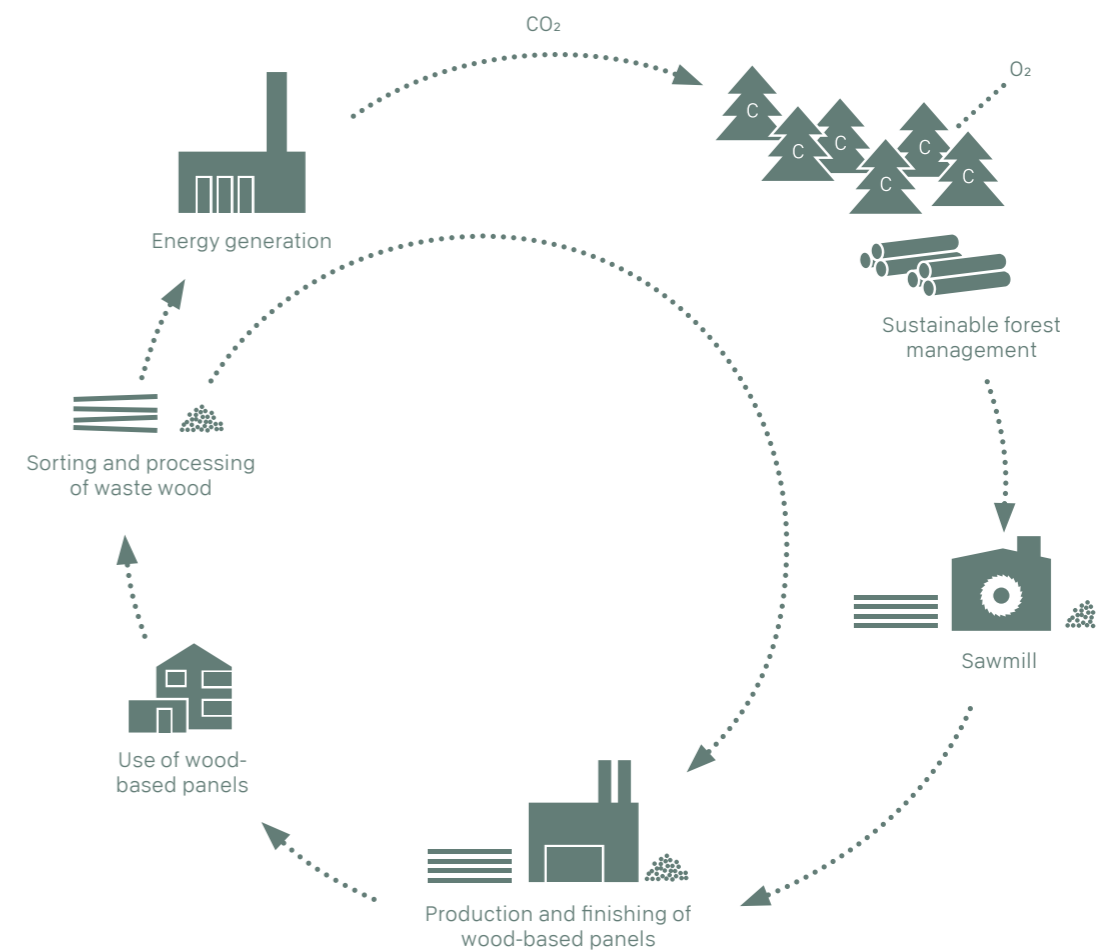
DESIGNED FOR A FUTURE WORTH LIVING: SUSTAINABILITY AT PFLEIDERER.

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.

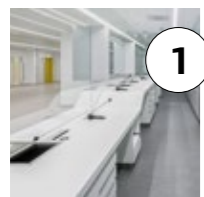
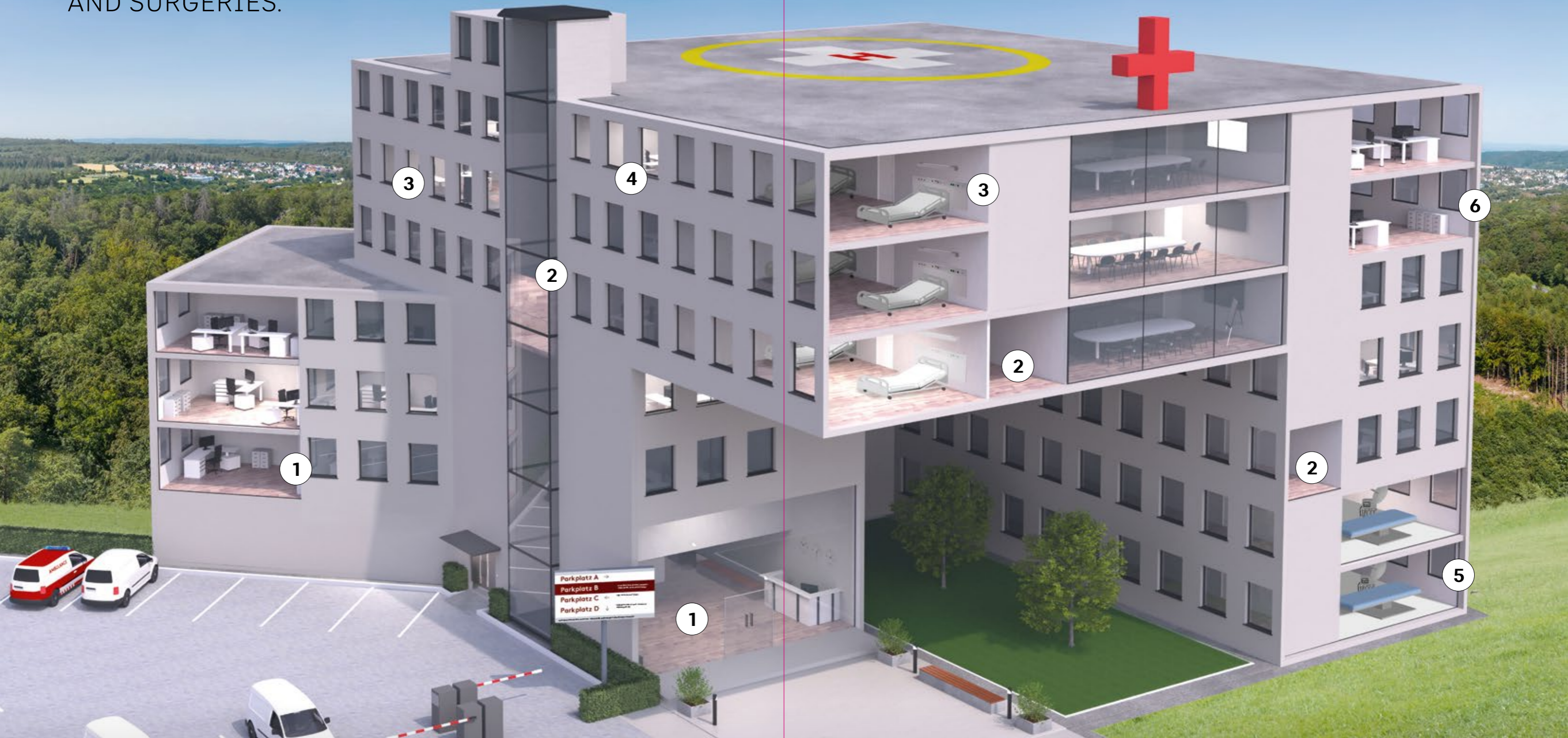
Responsibility for tomorrow starts today

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.

AT HOME IN FIRST-CLASS FACILITIES: COMPLETE SOLUTIONS FOR HOSPITALS AND SURGERIES.



1 Public areas
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2 Corridors and lifts
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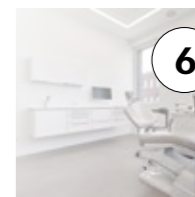
3 Patient rooms
> p. 28



4 Sanitary areas
> p. 30



5 Operating theatres and laboratories
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6 Treatment and consulting rooms
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PUBLIC AREAS

© Michael Baumgartner KITO

SIMPLY FUNCTIONAL: WELL THOUGHT OUT SOLUTIONS FROM ONE SOURCE.

In medical and care facilities, there are a great number of room situations that call for a perfect balance between functionality and design. In this respect, both stricter hygiene requirements as well as a high level of suitability for everyday use must be met. At the same time, it must be possible to strictly integrate all of the fit-out elements, wall coverings and furniture into overall interior design concepts.

Combining aesthetics, functionality and affordability

When it comes to realising the various requirements of waiting rooms, reception areas and offices reliably and economically with materials sourced from one supplier, the Pfleiderer product portfolio comes into its own: the wide choice of amazing decors, functional surface textures and core materials with load-bearing capacities for construction purposes makes it possible to develop well-balanced overall concepts across all trades – from simple office furniture in a stylish matt look to extremely hardwearing reception counters with an antiviral 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.

Duropol flameprotect compact



These decorative non-combustible 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.

> p. 55

DecoBoard Pyroex



Flame retardant coated 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!



www.blauer-engel.de/uz76

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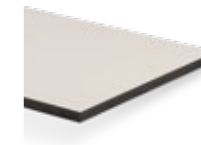
Duropol Element Pyroex



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. 60

Duropol 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. 53

Duropol HPL Individual Motiv Pyroex



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

> p. 49

CORRIDORS AND LIFTS

© Distler Architekten + Ingenieure



GROUNDBREAKING CONCEPTS FOR HIGH TRAFFIC AREAS.

To ensure that the high traffic areas look good for a long time to come, Pfleiderer offers hardwearing high-pressure laminates, if required also with a through-coloured core, for long-lasting wall coverings and robust impact protection in corridors, and also for lift cabin interiors.

Standard safety regulation fulfilment

Particular fire safety requirements must be taken into account when designing corridors. Suitably approved products that reliably meet these requirements are available both in the area of high-pressure laminates as well as in the core material range. High quality standards and design scope don't have to be mutually exclusive. Duropal Compact XTreme plus makes it possible to use supermatt surfaces with an anti-fingerprint effect even in areas that are subject to heavy use. Duropal HPL Individual offers the option of realising patterns and individual designs for colour coded guidance systems or large-scale lettering without any quality compromises directly in the material.

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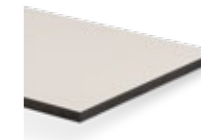
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Decorative, robust and flame retardant high-pressure laminate. Ideal for walls, doors, freestanding and fitted furniture in public buildings and retail spaces with higher fire safety requirements.

> p. 49

PATIENT ROOMS

FUNCTIONAL AND AESTHETIC: EVERYTHING THAT MAKES SURFACES LOW MAINTENANCE.

Patient rooms must meet a wide range of different requirements: they should look attractive, must be easy to clean and at the same time offer all of the functional and technical framework conditions that are needed to look after patients and provide medical care.

Stylish, robust, low maintenance

With extremely hardwearing high-pressure laminates, Pfleiderer offers wood-based materials that are perfectly equipped for the heavy use they will be subject to in everyday hospital life – and at the same time unlock design scope. For high quality furniture and interior fit-out elements, we offer Duropal HPL and Duropal HPL Compact with a black, grey or white through-coloured core, as well as HPL bonded boards on various core materials, and Duropal HPL microPLUS® with an antiviral effect for particularly hygiene-sensitive areas. In order to be able to also integrate areas that are subject to less heavy use into the overall design, Pfleiderer offers a perfectly matching solution in the same decors with DecoBoard.

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!



www.blauer-engel.de/uz76

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DecoBoard P2 F****



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



www.blauer-engel.de/uz76

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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.



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Duropal Element P2



In the decor and structure composite within the DST system, HPL bonded boards are ideally suited for surfaces where the increased robustness of HPL is required.



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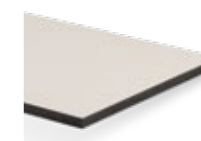
Duropal HPL microPLUS®



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

> p. 44

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.



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SANITARY AREAS

NOTHING WILL COME OUT IN THE WASH: IMPRESSIVE QUALITY.

Wet rooms with a contemporary design, whether patient bathrooms or those used by visitors and staff, directly reflect the hygiene standards of a hospital or care facility.

Systematic moisture resistance

The Pfleiderer product portfolio offers a wide choice of core materials suitable for wet rooms, from low swell and moisture-resistant chipboard cores to medium density fibreboard panels and compact high-pressure laminates. In combination with the wide choice of decors that is typical for Pfleiderer, it is therefore possible to develop robust and at the same time aesthetic solutions for almost all fit-out projects – from the construction of the basic structure to the perfect surface finish.

PRODUCT OVERVIEW

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Duropol HPL Compact, black core



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Duropol Element P3



In the decor and structure composite within the DST system, HPL bonded boards with P3-core are ideally suited for surfaces where the increased robustness of HPL and at the same time higher moisture resistance is required.

> p. 62

Duropol Compact XTreme plus



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



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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. 42

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. 40

OPERATING THEATRES AND LABORATORIES



UNCOMPROMISINGLY GOOD: TOP PERFORMANCE WHEN IT REALLY MATTERS.

Hygiene is a fundamental requirement when it comes to surgical procedures. Stringent standards apply, especially in operating theatres. A hygiene concept with suitable materials contributes to health protection right from the start.

Fitted hygiene

Duropol HPL and Duropol HPL Compact make it possible to systematically realise designs that meet the most challenging requirements in terms of robustness, low maintenance and hygiene. The extremely hardwearing melamine resin surface is protected against external influences, and can also withstand regular disinfection – even with aggressive substances. The high-pressure laminate comes with an antimicrobial coating as standard, and can also be used in the version Duropol HPL microPLUS®, which has a proven antiviral effect that reduces the risk of infection from pathogens on surfaces, if required.

PRODUCT OVERVIEW

You'll find a selection of products here designed specifically for your requirements in a particular area of use. You can find more products on the detailed pages or at www.pfleiderer.com.

Duropol 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.



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Duropol 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.



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Duropol Worktop Quadra



Worktop that meet the most demanding standards in terms of wear resistance and durability. Because of their food safe surface, they are used in contemporary kitchens, bathrooms and surgeries, or also for counter-tops in shops or in industrial facilities.



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Duropol HPL microPLUS®



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



> p. 44

DecoBoard P2 ESA



Our ESA products are essential in all areas that call for static dissipation. The dissipating components are a safe and simple earthing option for worktops, furniture or dividing walls in workplaces and laboratories!

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TREATMENT AND CONSULTING ROOMS

© BORGSMANN FOTOGRAFIE



NEXT, PLEASE: CREATING IDEAL WORKING CONDITIONS.

Everyday life in medical and healthcare facilities can be hectic from time to time: emergencies, packed waiting rooms, tight shift schedules. It is therefore important that as many things as possible run smoothly. Thanks to their excellent hygienic properties, Pfleiderer's wood-based materials can make an important contribution in this regard.

Made with the practical aspects in mind

Whether sideboards, counters or laboratory furniture: Duropal HPL creates the basis for a hygienic working environment with low maintenance and robust furniture and interior design element surfaces that are also easy to clean. However, with DecoBoard, there is also always an economical version for vertical applications – for sensitive areas also as DecoBoard P2 F****, bonded with a low formaldehyde content adhesive.

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Duropal HPL Compact, black core



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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 anti-fingerprint effect and a supermatt finish. Considerably more scratch resistant and durable than comparable matt surfaces!



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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!



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DecoBoard P2 F****



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



www.blauer-engel.de/uz76

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Duropal HPL microPLUS®



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

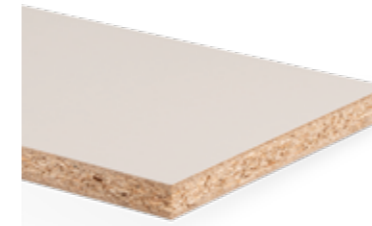
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PRODUCT INFORMATION

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DECORATIVE PANELS MELAMINE FACED BOARDS

DecoBoard P2



Urea resin bonded particleboard with decorative melamine 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



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: ≥ 9 mm / Gross density: ≥ 600 kg/m³)

EC scope

EN 13986:2004 +A1:2015
Boards for interior fitments (including furniture) for use in dry 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

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



DecoBoard P2 ESA



Electrostatically dissipative particleboard with decorative melamine resin facing on both faces.

AREAS OF APPLICATION



Furniture and interior fitting

The products from our ESA system are indispensable wherever electrostatic charges are to be prevented. The conductive constituents ensure a reliable and simple earthing possibility for furniture, partition elements and panels at places of work in the microelectronics industry, in laboratories or central control rooms.

PRODUCT FEATURES



Easy care

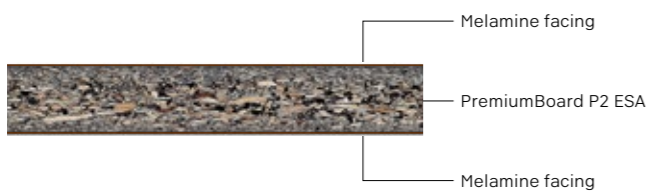


Electrostatically dissipative

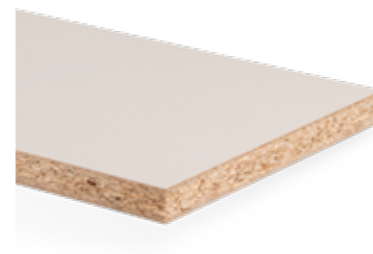
Product standard	EN 14322
Core material	PremiumBoard P2 ESA Electrostatically dissipative particleboard, Type P2 according to EN 312, suitable for interior fitting and furniture, for non load-bearing purposes in dry areas.
Reaction to fire	D-s2,d0 according to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Gross density: ≥ 600 kg/m ³)
EC scope	EN 13986:2004 +A1:2015 Non load-bearing boards for use in humid conditions.
Formaldehyde emission class	E1 E05
Volume resistance RD	$1 \times 10^4 - 1 \times 10^7$ Ohm (EN 61340-5-1) Measured dry, measurement voltage 100 V DC, cylindrical electrode, 20–30 °C and 20–50% rel. humidity (96 h conditioning)
Note	Decors: W10140 Frontal White / U12188 Light Grey FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,100	19 25 28.4 38
5,600	2,100	19 25 28.4 38



DecoBoard P2 F****



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

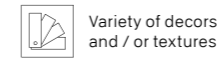
AREAS OF APPLICATION



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



Easy care



Antimicrobial



Food harmless



Particularly low emission

Product standard	EN 14322
Core material	ClassicBoard P2 F**** Low emission particleboard core, type P2 according to 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: ≥ 9 mm / Gross density: ≥ 600 kg/m ³)
Formaldehyde emission class	F**** 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
2,655	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



DecoBoard P3



Particleboard with melamine resin facing on both sides for damp areas.

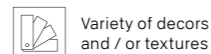
AREAS OF APPLICATION



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 and / or textures



Easy care



Antimicrobial



Food harmless



Low swelling / moisture resistant

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: ≥ 9 mm / Gross density: ≥ 600 kg/m³)

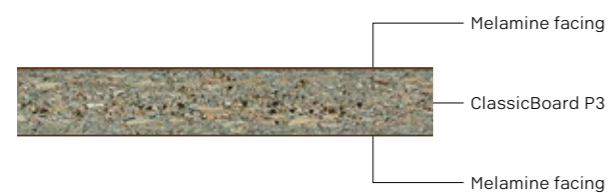
Formaldehyde emission class E1 E05

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	2,100	10 13 16 18 19 22 25 28 38
5,600	2,100	10 13 16 18 19 22 25 28 38



DecoBoard Pyroex



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

AREAS OF APPLICATION



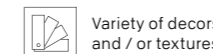
Furniture and interior fitting



Fire protection

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 and / or textures



Easy care



Antimicrobial



Food harmless



Flame retardant



Particularly low emission

Product standard EN 14322

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
B-s1,d0 (EN 13501-1)

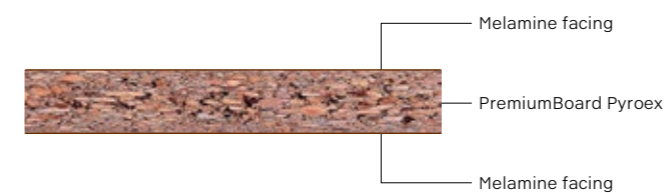
Formaldehyde emission class E1 E05

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
2,655	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



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).

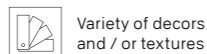
AREAS OF APPLICATION



Furniture and interior fitting

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 and / or textures



Easy care



Antimicrobial



Food harmless



Low swelling / moisture 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: ≥ 9 mm / Gross density: ≥ 600 kg/m³)

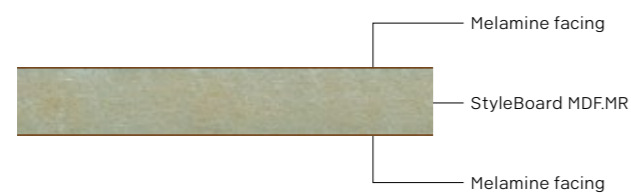
Formaldehyde emission class E1 E05
CARB Phase 2 / TSCA Title VI

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

Note FSC certification or PEFC certification available on request.

FORMAT IN MM

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



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



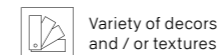
Furniture and interior fitting



Doors

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



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

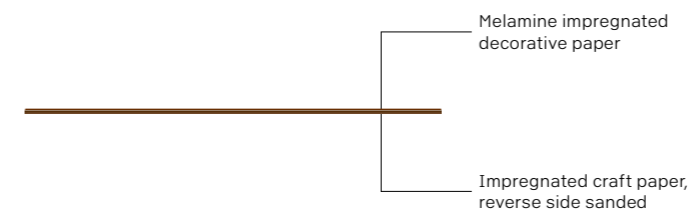
Antimicrobial effect Surface with antimicrobial effect in 24 h for interior fit-out and finishes – Test Methodology JIS Z 2801 / ISO 22196

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	0.6 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

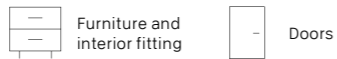


Duropol HPL microPLUS®



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



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.

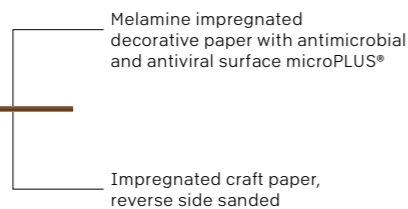
PRODUCT FEATURES



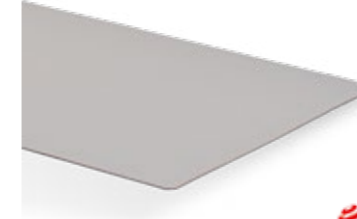
Product standard	EN 438-3
Reaction to fire	Normally flammable Euroclass D-s2,d0 or worse in connection with normally and easily inflammable core boards. (EN 13501-1, CWFT acc. to 2003/593/EG)
Formaldehyde emission class	E1 E05
Antimicrobial effect	Surface with antimicrobial effect in 7 h for interior 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/m ³ (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



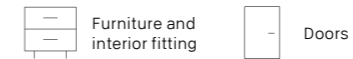
Duropol XTreme plus



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

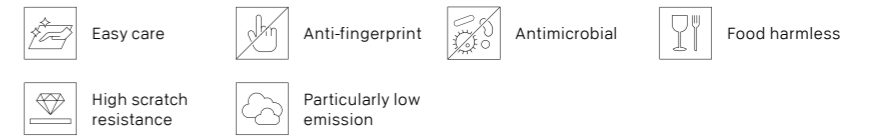


AREAS OF APPLICATION



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

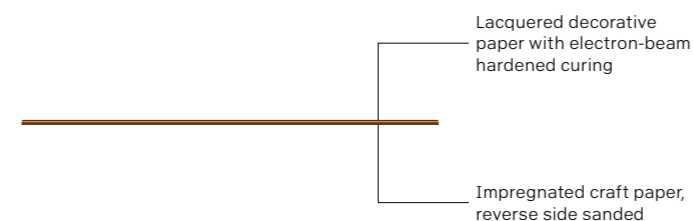
PRODUCT FEATURES



Product standard	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	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/m ³ (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
4,100	1,300	0.8
5,300	1,300	0.8

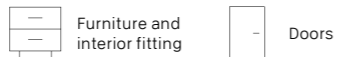


Duopal HPL Individual Motiv



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.

AREAS OF APPLICATION



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

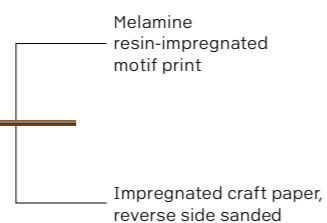
PRODUCT FEATURES



Product standard	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	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/m ³ (EN ISO 1183-1)
Note	Maximum motif format per board, incl. overprinting: 2,750 mm x 2,030 mm. Larger motifs can be tiled. 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

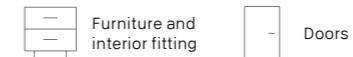


Duopal HPL Individual Dekor



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.

AREAS OF APPLICATION



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

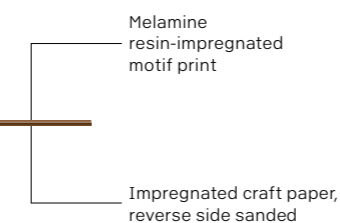
PRODUCT FEATURES



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/m ³ (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



Duopal 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



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.

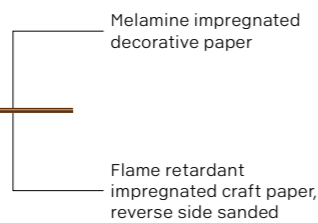
PRODUCT FEATURES



Product standard	EN 438-3
Reaction to fire	Flame retardant grade C-s1,d0 (EN 13501-1) Depending on the core material and adhesive used, HPL flat bonded elements may have a different classification. We recommend the use of the product Duopal Element Pyroex.
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/m ³ (EN ISO 1183-1)
Note	FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	0.8 1.2



Duopal 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



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.

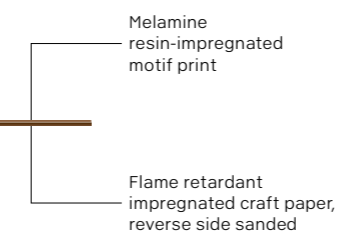
PRODUCT FEATURES



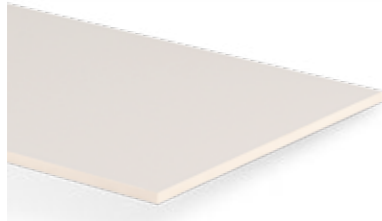
Product standard	In accordance with EN 438-3
Reaction to fire	Flame retardant grade C-s1,d0 (EN 13501-1) Depending on the core material and adhesive used, HPL bonded boards may have a different classification. We recommend the use of the product Duopal Element Pyroex.
Formaldehyde emission class	E1 E05
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/m ³ (EN ISO 1183-1)
Note	Maximum motif format per board, incl. overprinting: 2,750 mm x 2,030 mm. Larger motifs can be tiled. 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

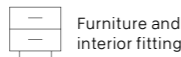


Duropol HPL Compact, white core



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.

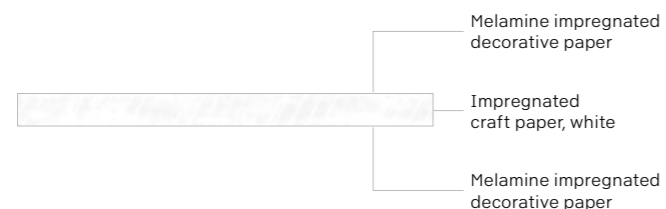
PRODUCT FEATURES



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/m ³ (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



Duropol 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.



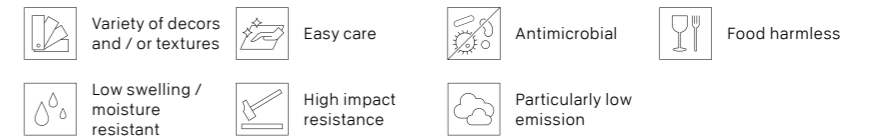
AREAS OF APPLICATION



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



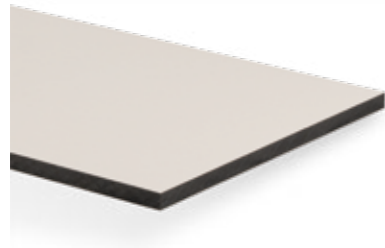
Product standard	EN 438-9
Core material	Compact laminate grey core Uniform grey through-pigmented solid compact laminate core, impact resistant and moisture resistant for applications with high specification demands.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG)
Formaldehyde 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/m ³ (EN ISO 1183-1)
Note	With PEFC-certification.

FORMAT IN MM

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



Duropol 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



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

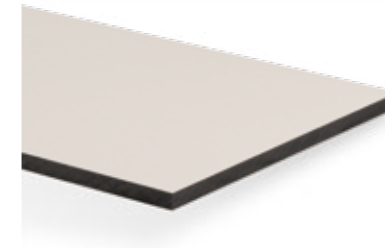
2,800 x 1,860/2,070 mm; 5,600 x 2,070 mm – FSC-certification or PEFC-certification available on request.
4,100 x 1,300 mm – With PEFC-certification.

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



Duropol 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



Furniture and interior fitting



Fire protection

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



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



Duropol 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. Duropol Compact XTreme plus is an attractive supermatt compact material with an anti-fingerprint effect, which is ideal for horizontal, heavily used surfaces.

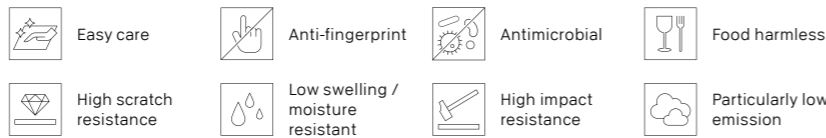
AREAS OF APPLICATION



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

PRODUCT FEATURES



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

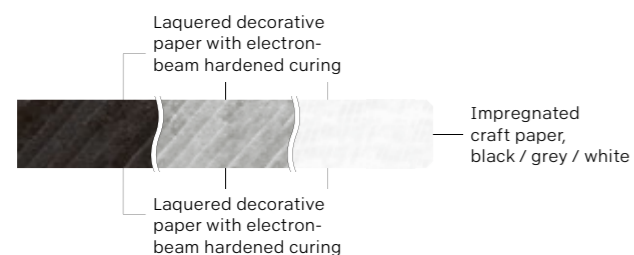
Min. 1,350 kg/m³, min. 1,400 kg/m³ (EN ISO 1183-1)

Note

With PEFC-certification.

FORMAT IN MM

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

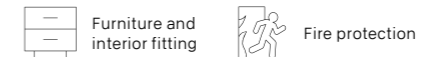


Duropol flameprotect compact



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



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



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

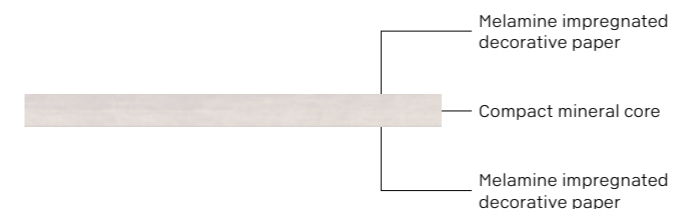
1,900 kg/m³ ± 50 kg/m³ (EN ISO 1183-1)

Note

Please comply with information for the Duropol 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



Duropol Element P2



HPL bonded boards consisting of a particleboard type P2 to EN 312, surfaced on both sides with Duropol 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 ship-building and motor vehicle construction.

PRODUCT FEATURES



Variety of decors and / or textures



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.
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 (EN 13501-1, CWFT acc. to 2003/593/EG): 2,800 x 2,070 x 16 – 25 mm, 3,050 x 1,300 x 19 mm, 4,100 x 1,300 x 16 – 25 mm, 5,600 x 2,070 x 16 – 25 mm

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	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



Duropol Element XTreme P2



HPL bonded boards consisting of a particleboard type P2 to EN 312, surfaced on both sides with Duropol XTreme, an attractive supermatt surface material with an anti-fingerprint effect.

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 ship-building and motor vehicle construction.

PRODUCT FEATURES



Variety of decors and / or textures



Easy care



Anti-fingerprint



Food harmless



Particularly low emission

Product standard

EN 13894-1

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 (EN 13501-1, CWFT acc. to 2003/593/EG): 4,100 x 1,300 x 16 – 25 mm

EC scope

EN 438-7:2005
HPL composite panel intended for internal wall and ceiling finishes (including suspended ceilings)

Formaldehyde emission class

E1 E05

Note

FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness
4,100	1,300	9.6 16 17.6 19 20.6 25 29.6 39.6



Duopal Element XTreme Touch P2



HPL bonded boards consisting of a particleboard type P2 to EN 312, surfaced on both sides with Duopal XTreme Touch, an attractive supermatt surface material with an anti-fingerprint effect in combination with natural-looking stone or wood structure.

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 ship-building and motor vehicle construction.

PRODUCT FEATURES



Product standard	EN 13894-1
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 (EN 13501-1, CWFT acc. to 2003/593/EG): 4,100 x 1,300 x 16 – 25 mm
EC scope	EN 438-7:2005 HPL composite panel intended for internal wall and ceiling finishes (including suspended ceilings)
Formaldehyde emission class	E1 E05
Note	FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness
4,100	1,300	9.6 16 17.6 19 20.6 25 29.6 39.6



Duopal Element XTreme plus P2



HPL bonded boards consisting of a particleboard type P2 to EN 312, surfaced on both sides with Duopal XTreme plus, an attractive supermatt surface material with an anti-fingerprint effect, which is ideal for horizontal, heavily used surfaces.

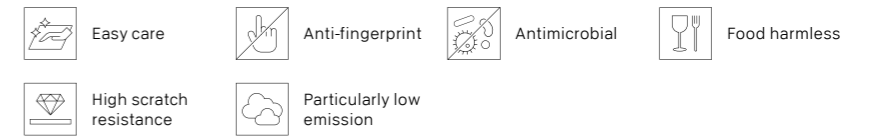
AREAS OF APPLICATION



Furniture and interior fitting

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 ship-building and motor vehicle construction.

PRODUCT FEATURES



Product standard	EN 13894-1
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 (EN 13501-1, CWFT acc. to 2003/593/EG): 4,100 x 1,300 x 16 – 25 mm
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
4,100	1,300	9.6 16 17.6 19 20.6 25 29.6 39.6



Duropol Element Pyroex



Flame resistant HPL bonded boards consisting of a particleboard with improved flame resistance, surfaced on both sides with Duropol 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.

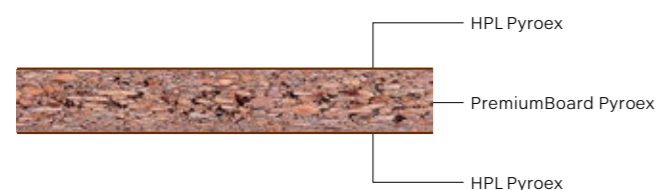
PRODUCT FEATURES



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



Duropol Element P2 ESA



Electrostatically dissipative HPL bonded boards consisting of a ESA particleboard type P2 to EN 312, surfaced on both sides with Duropol HPL ESA.

AREAS OF APPLICATION



The products from our ESA system are indispensable wherever electrostatic charges are to be prevented. The conductive constituents in the core plate and facing ensure a reliable and simple earthing possibility for furniture components and worktops in ESD areas, on production and assembly lines, in laboratories or central control rooms.

PRODUCT FEATURES



Product standard	EN 13894-1
Core material	PremiumBoard P2 ESA Electrostatically dissipative particleboard, Type P2 according to EN 312, suitable for interior fitting and furniture, 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): 2.800 x 2.070 x 20,6 mm, 5.600 x 2.070 x 20,6 mm
Formaldehyde emission class	E1 E05
Volume resistance RD	$1 \times 10^{-4} - 10^0$ Ohm (EN 61340-5-1) Measured dry, measurement voltage 100 V DC, cylindrical electrode, 20–30 °C and 20–50% rel. humidity (96 h conditioning)
Note	FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness
2,800	2,070	20.6 39.6

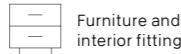


Duopal Element P3



HPL bonded boards consisting of a moisture-resistant particleboard type P3 to EN 312 for damp areas, surfaced on both sides with Duopal HPL.

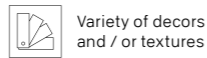
AREAS OF APPLICATION



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



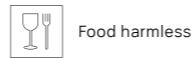
Variety of decors and / or textures



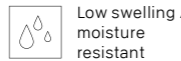
Easy care



Antimicrobial



Food harmless

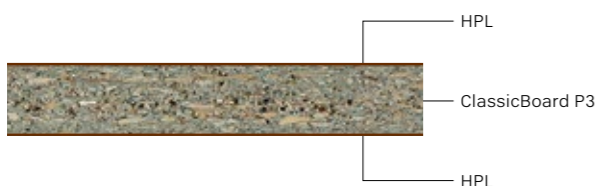


Low swelling / moisture resistant

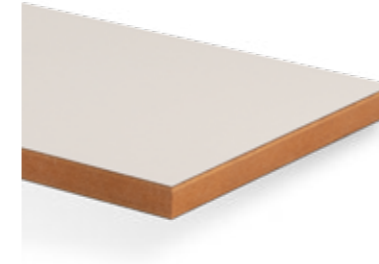
Product standard	EN 13894-1
Core material	ClassicBoard P3 Melamine resin bonded particleboard type P3, suitable for non load-bearing purposes in damp areas.
Reaction to fire	Normally flammable D-s2,d0 (EN 13501-1, CWFT acc. to 2003/593/EG)
EC scope	EN 438-7:2005 HPL composite panel intended for internal 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
Note	FSC certification or PEFC certification 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



Duopal Element MDF Pyroex

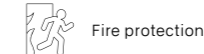


Flame resistant HPL bonded boards consisting of a medium-density fibreboard (MDF) with uniform structure to EN 622-1, surfaced on both sides with Duopal HPL Pyroex.

AREAS OF APPLICATION



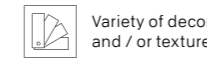
Furniture and interior fitting



Fire protection

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 event sector.

PRODUCT FEATURES



Variety of decors and / or textures



Easy care



Antimicrobial



Food harmless

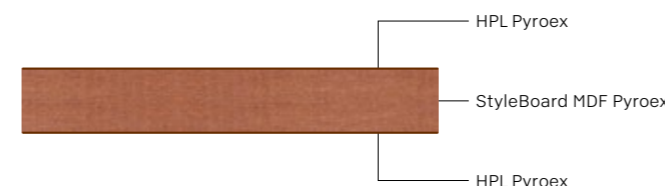


Flame retardant

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 suspended ceilings)
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	2,070	17.6 20.6



Duropol Worktop Quadra



Worktop consisting of a particleboard to EN 312, decor side bonded with robust Duropol HPL according to EN 438 or Duropol XTreme / Duropol XTreme Touch with an electron beam cured surface in accordance with EN 438, underside with water-repellent backing. The postforming front edge of the Quadra worktop has a radius of 3 mm, the rear edge is sealed with a protective edge. It is also available as a variant with both sides profiled. Duropol XTreme as well as Duropol XTreme Touch are an attractive supermatt surface material with an anti-fingerprint effect.

AREAS OF APPLICATION



Furniture and interior fitting

Duropol worktops can be used wherever very high demands are made on surface resistance and durability. Thanks to their hygienic advantages, the classic areas of application are in modern kitchens and bathrooms, canteens and restaurants, as well as doctors' surgeries, in laboratories and shop fitting, but also for industrial and commercial workplaces.

PRODUCT FEATURES



Product standard

EN 13894-1

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.
ClassicBoard Hydrofuge MR CARB2
Low Emission urea resin-bonded furniture board with reduced thickness swelling according to DIN EN 312, suitable for non-load-bearing use in humid conditions.

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

Antiviral effect

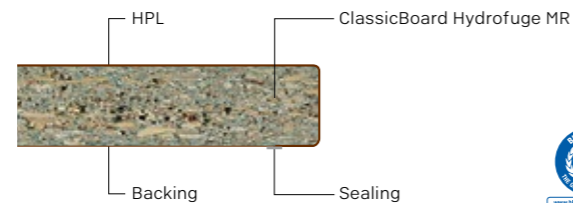
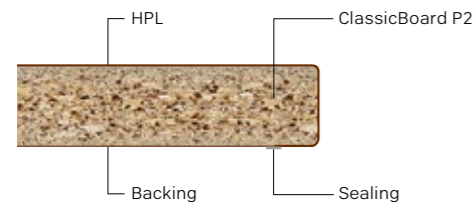
Surface with antiviral effect against enveloped viruses in 24 h for interior fit-out and finishes - Test Methodology ISO 21702:2019

Note

You can find comprehensive accessories for our worktop range at www.pfleiderer.com.
FSC certification or PEFC certification available on request.

FORMAT IN MM

Length	Width	Thickness	DESIGN OF	
			front edge	rear edge
4,100	600 900 1,200	28 38	Quadra	protective edge
4,100	650	38	Quadra	protective edge
4,100	900	38	Quadra	Quadra
5,300	600 900 1,200	38	Quadra	protective edge
5,300	900	38	Quadra	Quadra





**MADE IN
GERMANY**

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, Pflöiderer 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

**ALWAYS THERE,
WHENEVER YOU
NEED US**

ADVICE

You are welcome to contact our specialists directly if you have any questions related to our products being used in the health & care sector, or any other applications. Please send us an email, and we will contact you in person as soon as we can!

sales@pfleiderer.com



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



Doors



Home & Living



**Hospitality
& Catering**



Office & Education



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](https://www.pfleiderer.com) via a QR code, or order them via the sample shop.

DIGITAL TOOLS

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. Pflaiderer 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 Pflaiderer does best!

Solution Guide



pfleiderer.com/global-en/solutions/furniture-and-interior-fitting/health-care

Your perfect solution is just a few clicks away! Simply select components, surface properties and decor. Done! We will then recommend the ideal Pflaiderer 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



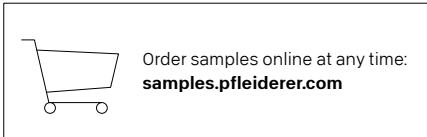
pfleiderer.com/eco-product-insights

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





Decor Scanner
workapp.pfleiderer.com



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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

Pfleiderer Deutschland GmbH · Ingolstädter Straße 51 · 92318 Neumarkt · Germany
Tel.: +49 (0) 91 81 / 28 480 · Fax: +49 (0) 91 81 / 28 482 · info@pfleiderer.com · www.pfleiderer.com