

# HYGIENE PRODUCTS

ANTIMICROBIAL  
AND ANTIVIRAL  
SURFACES

## EXTRA PROTECTION WITH **microPLUS®**

- antimicrobial effect already in 7 hours
- antiviral effect in 24 hours\*

\* against enveloped viruses, according to ISO 21702:2019

MADE IN GERMANY

MAKE  
YOUR  
VISIONS  
WORK.

# HEALTH PROTECTION AS STANDARD!

## Antimicrobial and antiviral surface treatment with Pfleiderer engineered wood products

For busy public spaces and special hygienic requirements, simply rely on materials that actively contribute to health protection. In this way, you reduce the risk for people to become infected with pathogens via surfaces.

### Areas of application

- Clinics, Medical Practices, Pharmacies
- Educational Institutions
- Hotels and Gastronomy
- Sports, Care/Rehabilitation and Wellness Facilities
- Cruise Ships, Motorhomes, Food Trucks
- etc.

## PFLEIDERER HYGIENE PRODUCTS

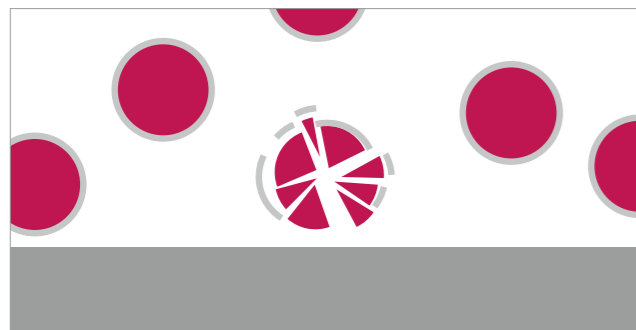
### Standard surfaces

(e.g. Duropal HPL/DecoBoard)

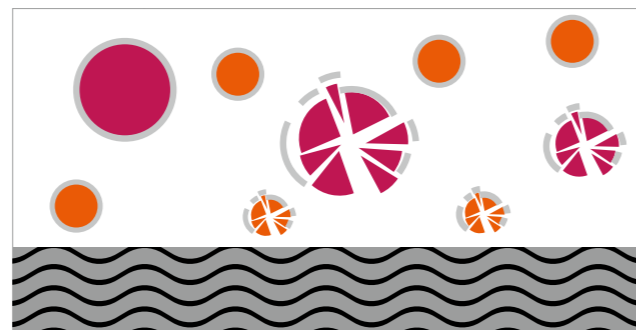
- 24 h antimicrobial effect (according to JIS Z 2801/ISO 22196)

### microPLUS® surfaces

- 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



● Bacteria  
■ Standard surfaces



● Enveloped viruses  
■ microPLUS® surfaces

### Definition of antimicrobial and antiviral surfaces

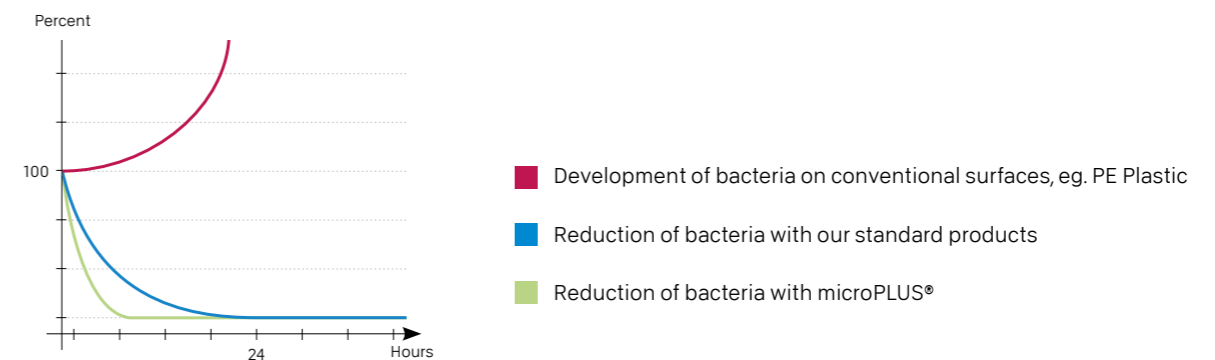
Surfaces are described as antimicrobial/antiviral if they have a mechanism of action that attacks, damages and thus ultimately destroys germs.\*

\* antiviral effect against enveloped viruses within 24 h according to ISO 21702:2019

## ADVANTAGES

Basically, antimicrobial surfaces reduce the risk for people to become 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!\*



### Standard products with antimicrobial finish

- DecoBoard
- Duropal HPL<sup>1</sup>
- Duropal Bonded Elements<sup>1</sup>
- Duropal HPL Compact
- Duropal XTreme plus
- Duropal Compact XTreme plus

<sup>1</sup> not as Duropal XTreme (XM) and Duropal Element XTreme (XM)

### Available products with microPLUS® features

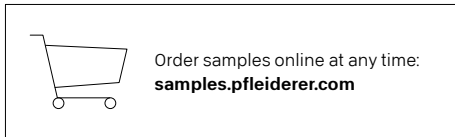
- DecoBoard P2 microPLUS®
- DecoBoard P2 F\*\*\*\* microPLUS®
- DecoBoard P2 MDF plus microPLUS®
- Duropal HPL microPLUS®
- Duropal Element P2 microPLUS®

You can find further products and information at [pfleiderer.com](https://www.pfleiderer.com)

This applies to all our standard antimicrobial products with 24-hour effect:

- full decor and structure selection from the DST system
- all possibilities of the Pfleiderer Individual digital printing process
- regular format selection and availability
- product and processing properties (fire protection, damp room, IMO certification etc.) remain unchanged

For the microPLUS® surface, the complete Design Collection for HPL products and the Express Collection for DecoBoard is available. Details at [pfleiderer.com](https://www.pfleiderer.com)



**Decor Scanner**  
workapp.pfleiderer.com



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#### **Pfleiderer uses wood from Certified Sustainable Forest Management.**



[www.blauer-engel.de/uz76](http://www.blauer-engel.de/uz76)

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

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

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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](http://quality.pfleiderer.com).

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