



Engineering progress
Enhancing lives

REHAU health. protect

Antimicrobial solutions for furniture construction
www.rehau.com/healthprotect



REHAU health.protect edgebands and surfaces – because contact is part of life.

RAUKANTEX edgebands with health.protect

Thanks to their hygienic surface, REHAU health.protect edgebands with an antibacterial / antimicrobial finish are particularly suitable for use in areas with increased hygiene requirements; may it be waiting rooms, doctors' surgeries, hospitals or public areas. With RAUKANTEX pro edgebands you benefit twice: the coating on the edgebands gives them an antimicrobial effect – meaning they are both antibacterial as well as antiviral against specific viruses¹. At the same time, RAUKANTEX pro edgebands create a seamless, classy look that prevents dirty joints where bacteria can accumulate.

Your ordering options for health.protect protection:

Variant 1

Protection with coating system

The edgeband surface is treated with a special antimicrobial coating system.

Variant 2

Protection with coating system & base material

In variant 2, the active ingredient silver phosphate glass is also added to the base material.

Both of these variants are based on the active ingredient silver phosphate glass.

	Variant 1			Variant 2	
Antibacterial action	Staphylococcus aureus *Escherichia coli*			Staphylococcus aureus*	
Germ tested	Escherichia coli*			Escherichia coli*	
Reduction in bacterial count, tested according to JIS Z 2801	> 99.99% within 24 hours			99.9% within 7 hours	
Antiviral effect of the coating**	SARS-CoV-2			SARS-CoV-2	
Tested viruses	COV2019 Italy/INMI1			COV2019 Italy/INMI1	
	Influenza H3N2			Influenza H3N2	
	Influenza H1N1			Influenza H1N1	
Reduction in viral count, tested according to ISO 21702	78.62% after 1 h			91.87% after 8 h	
	91.87% after 8 h			99.9% after 24 h	
Active substance	Silver phosphate glass (CAS 308069-39-8)			Silver phosphate glass (CAS 308069-39-8)	
Available for the following materials	ABS	PP	PVC	ABS	PP
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Active substance registered with the national/EU authorities for biocidal use in polymers	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	

* Germs that are responsible for a large number of secondary, infectious diseases, particularly in the clinical field

** Antiviral against specific viruses

After the germs had been in contact with the edgeband for 24 hours (or 7 hours) at a temperature of 36°C, the reduction in the bacterial count was determined.

¹SARS-CoV-2_COV2019 Italy/INMI1: efficacy 91.87% after 8 hours; influenza H3N2 and H1N1: efficacy 99.9% after 24 hours. Tested according to ISO 21702.



RAUVISIO surfaces with health.protect

Enjoy the timeless elegance of our matt RAUVISIO noir and RAUVISIO brilliant noble matt surfaces and experience their velvety soft feel with anti-fingerprint finish, all with the peace of mind of knowing that you are touching a material with an antibacterial effect.

Both RAUVISIO noir and RAUVISIO brilliant noble matt are already equipped with health.protect properties as standard.

RAUVISIO crystal and RAUVISIO brilliant surfaces are also available on request with the health.protect finish, even in small purchase quantities.

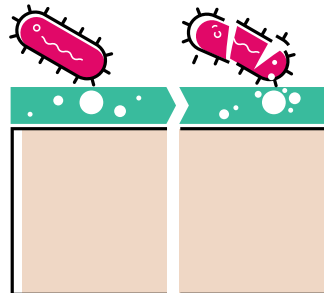
How does health.protect work?

RAUVISIO surfaces with health.protect use different approaches to protect the user. While the classic thermoset-cured melamine resin surface of RAUVISIO noir provides the antibacterial protection, RAUVISIO brilliant noble matt uses an antibacterial coating without nanotechnology. This results in a reduction of bacteria by up to 99.9% within 24 hours, over a product lifetime of at least 20 years.

This makes a real contribution to prevention and protection against infection as well as the fulfilment of increasing hygiene requirements and safety needs.

Reduction of bacteria

by up to 99.9%
within 24 hours

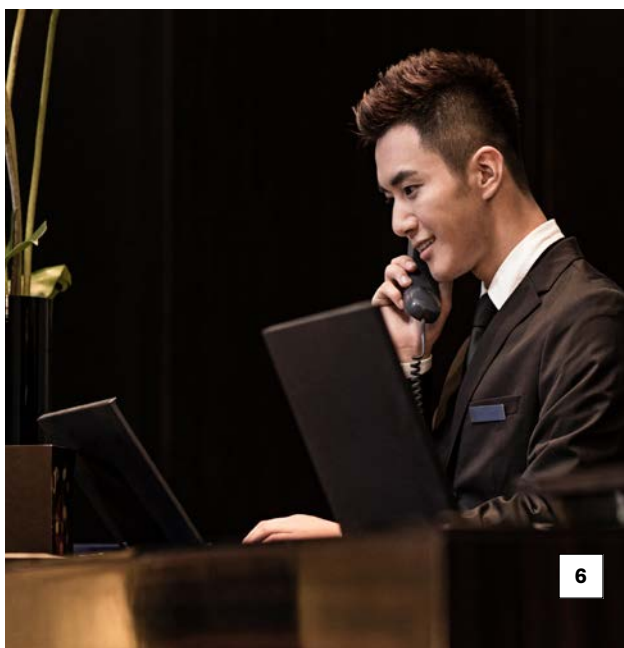
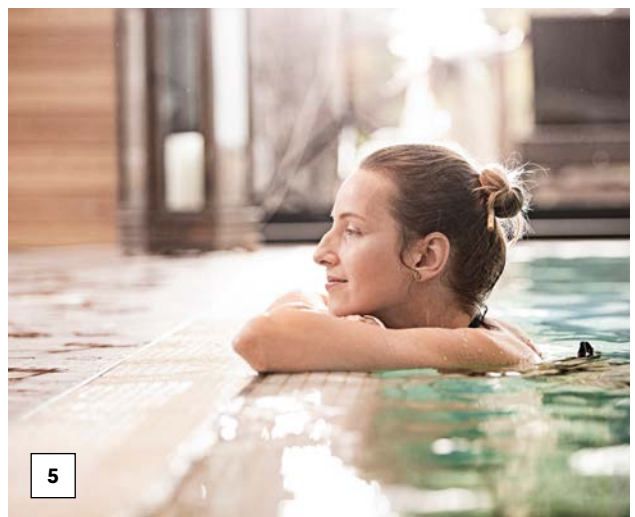


Slowly diffusing active substances are permanently and continuously released by (air) moisture. They not only stop the cell division of the bacteria but also reliably destroy them.

REHAU health.protect – verified results for protection against bacteria

Tested against the most common pathogenic germs ('hospital germs') – with test reports according to the JIS Z2801 standard:

- Staphylococcus aureus
- Escherichia coli



Areas of application

- 1 Healthcare
- 2 Living space
- 3 Offices
- 4 Gastronomy and retail
- 5 Sanitary facilities
- 6 Hotel industry and public spaces



The REHAU health.protect portfolio at a glance

REHAU health.protect is the antimicrobial product family from REHAU. May it be the antibacterial surfaces and edgebands or our brand-new edgebands with an antiviral coating against specific viruses¹. All of the products are characterised by their high-class appearance and easy processing using standard woodworking tools.

¹ SARS-CoV-2_COV2019 Italy/INMI1: efficacy 91.87% after 8 hours; influenza H3N2 and H1N1: efficacy 99.9% after 24 hours. Tested according to ISO 21702.

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use or processing of the products. Responsibility for these activities therefore remains entirely with the respective user/processor. Where claims for liability nonetheless arise, they shall be governed exclusively according to our terms and conditions, available at www.rehau.com/conditions, insofar as nothing else has been agreed upon with REHAU in writing. This shall also apply for all warranty claims, with the warranty applying to the consistent quality of our products in accordance with our specifications. Subject to technical changes.

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