



REHAU health.protect surface portfolio at a glance

REHAU health.protect is REHAU's antibacterial surface product range. It was specifically developed to protect people more effectively on a daily basis. The protective lacquer based on micro silver actively works against attack by bacteria and is available for both our surface lines RAUVISIO crystal as well as RAUVISIO brilliant.

This document is protected by copyright. All rights based on this are reserved. No part of this publication may be translated, reproduced or transmitted in any form or by any similar means, electronic or mechanical, photocopying, recording or otherwise, or stored in a data retrieval system.

Our verbal and written advice with regard to usage is based on years of experience and standardised assumptions and is provided to the best of our knowledge. The intended use of REHAU products is described comprehensively in the technical product information. The latest version can be viewed at www.rehau.com/TI. We have no control over the application, 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.

www.rehau.com/healthprotect

© REHAU AG + Co
Rheniumhaus
95111 Rehau

DML00685 EN 09.2020



Engineering progress
Enhancing lives

REHAU
health.protect

Antibacterial surface solutions
www.rehau.com/healthprotect





RAUVISIO crystal

Glass gives furniture an air of elegance and quality. The smart glass RAUVISIO crystal looks just as beautiful as real glass, but boasts a number of advantages: it is more break-proof and much lighter than real glass, as well as scratch-resistant and exceptionally flexible during processing.

The material is used for front panels, or in the thin version as kitchen splashback or wall panel. Various decor variants are available in matt or high gloss, a polymer mirror (not available as health.protect variant) and an additional magnetic function allow an incredible design scope and take the modern interior design to a new level – regardless of whether it is in the kitchen, bathroom, living room or shop fitting.

RAUVISIO brilliant

The acrylic laminate RAUVISIO brilliant SR highlights the current trends in the furniture and living room design. Thanks to its brilliant depth effect, it replaces conventional lacquered elements in surface design and opens up new possibilities for coating vertical furniture fronts. The SR variant stands out with its exceptionally resistant hard coating in high gloss or matt. The coating makes the surface incredibly resistant to scratches and chemicals. In combination with the polymer invisible joint edgeband RAUKANTEX pro and new processing technologies, the conventional frame effect totally disappears in RAUVISIO brilliant.



How does the health.protect coating work?

RAUVISIO surfaces with health.protect use a lacquer acting antibacterially without nano technology. Continuously slowly diffusing silver ions are permanently and continuously released by air moisture. They not only stop the cell division of the bacteria but also destroy them permanently.

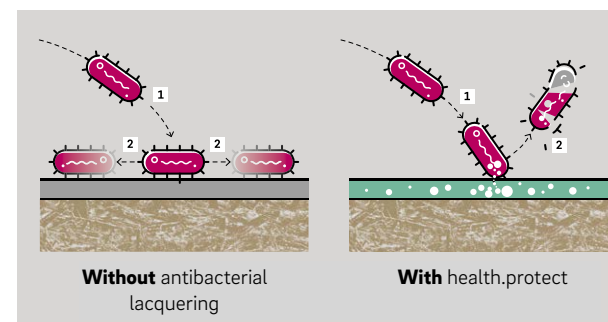
This results in a reduction of bacteria by up to 99,9% within 24h. An invaluable contribution to the prevention and infection protection as well as meeting increasing hygiene demands and safety requirements.

Why no nano technology?

Nano technologies tend to leach depending on the compound and substance. Due to their extremely small size, however, they can also be absorbed through the human skin barrier and cause damage to the organism. The health effects are still not fully researched and therefore, health risks cannot be ruled out. Due to this reason, health.protect intentionally does not apply this approach and relies on micro silver instead, which works without leaching and is too large to invade the human body.

REHAU health.protect – certified results to shield you from bacteria.

- certified protection against the most common pathogens according to the JIS Z2801 and ISO 22196 standard.
 - Staphylococcus aureus DSM799
 - Escherichia coli DSM 1576



up to
99,9% less
bacteria
within 24 hours

The product range

RAUKANTEX edgebands with health.protect

Full protection only comes with the right edgeband. Our holistic approach to surfaces is what makes REHAU health.protect solutions so special. This is why our antibacterial surfaces come with the matching edgebands. Especially the edgebands of the RAUKANTEX pro edgeband line can play off all their advantages: not only do the edgebands look great on the board due to their sophisticated zero joint optics, compared to common adhesive solutions they also close those joints towards filth and dirt – normally a nesting ground for bacteria.

Your options with health.protect coating:

- All REHAU ABS edgebands (RAUKANTEX pure and pro) with gloss levels between 8 and 85
- Minimum order quantity 1000 meters, contract business on request
- All dimensions possible



RAUVISIO crystal with health.protect*

Colours

Bianco high gloss V2778 matt 1696L	Sabbia high gloss 1687L matt 1703L	Menta high gloss 1684L matt 1700L	Titanio high gloss 2107L matt 2109L	Piano high gloss 2015L matt 2016L



Thanks to crystal vario you can order your individual colour (based on RAL plain colours) starting from a minimum order of just 20 boards.

Variants



Large pressed board (2,800 x 1,300 x 19 mm)
Large pressed board consisting of glass laminate, MDF board and colour matched balancing sheet



Thin glass panel (2,800 x 1,300 x 4 mm)
4.0 mm thick composite product, made by pressing glass laminate directly onto a colour matched balancing sheet

RAUVISIO brilliant with health.protect*

Colours

Bianco high gloss 5000B matt 1895L	Magnolia high gloss 5335B matt 1897L	Cubanite metallic high gloss 5338B matt 1898L	Bigio metallic high gloss 6340B matt 1899L	Moro high gloss 5112B matt 1903L

Variants



Pressed large board (2,800 x 1,300 x 17/19 mm)
Large pressed board format consisting of acrylic laminate, MDF board and colour matched balancing sheet.



Laminate (2,800 x 1,300 x 0.7 mm)
The thin acrylic laminate consists of a single PMMA/ABS layer, providing plenty of tensile strength to keep the surface smooth after processing.

* The board's frontside is equipped with health.protect lacquering, not the balancing sheet