



**Engineering progress
Enhancing lives**

A passion for motion

System solutions for motor home and caravan
design www.rehau.com/caravan



Engineering progress

What are the key points in the caravan and motor home construction industry? The search for product solutions that are both functional and design-oriented. Ideas that provide more function and individuality and are also durable and high-quality. And there is also the focus on lightweight construction. We offer it all: simple, quick, all from one source, and combined with our unparalleled technical expertise.

Enhancing
lives





Polymers are our DNA

System solutions
for motor home
and caravan design

Whether interior or exterior attachment: our caravan and motor home design solutions will convince you. REHAU has been working on lightweight solutions with well-known partners in the caravan industry for years and has become a respected development partner. **Our special RAUKANTEX edgebands are unbeatable with their innovative lightweight boards and save on weight at every turn.**

To address the special requirements of caravan design, our innovative product solutions RAUVISIO, RAUVOLET and RAUWALON are also used in various applications.

They offer countless design options far beyond the possibilities offered by wood and glass materials, for example unlimited shaping capabilities, individual luminescent effects of edgebands and surfaces, no-handle front panels or no-slip mats for drawers.

Furniture components in kitchens and baths are optimally protected from humidity and steam thanks to our RAUKANTEX zero-joint edgeband. Your customers receive top quality and get to enjoy their dream of mobile living for a long time.

Those who appreciate flawless results can rely on the **design match of RAUVISIO surfaces, RAUKANTEX edgebands, RAUVOLET tambour door systems and RAUWALON wall joint systems.** This not only looks great, but also saves you time and energy – because you can get all components conveniently and reliably from one source.

Hoses are one of REHAU's most established product ranges. Whether **drinking water hoses, waste water hoses or cleaning hoses – our portfolio of possibilities is matchless.**

When it comes to seal and profile technology, special developments are our strong suit. You specify the function and design: we source the correct material and shape and guarantee long-lasting and trouble-free use. The systems can be used in the interior as well as exterior of the mobile home or caravan.

Discover the REHAU world!

Dethleffs
Ein Freund der Familie

EURO MOBIL

FENDT
CARAVAN

MORELO
FIRST CLASS REISEMOBILE

KnausTabbert
Wir bewegen

Hobby
GEBAUT FÜRS LEBEN

Vöhringer
INNOVATION INSIDE

bürstner

LMC

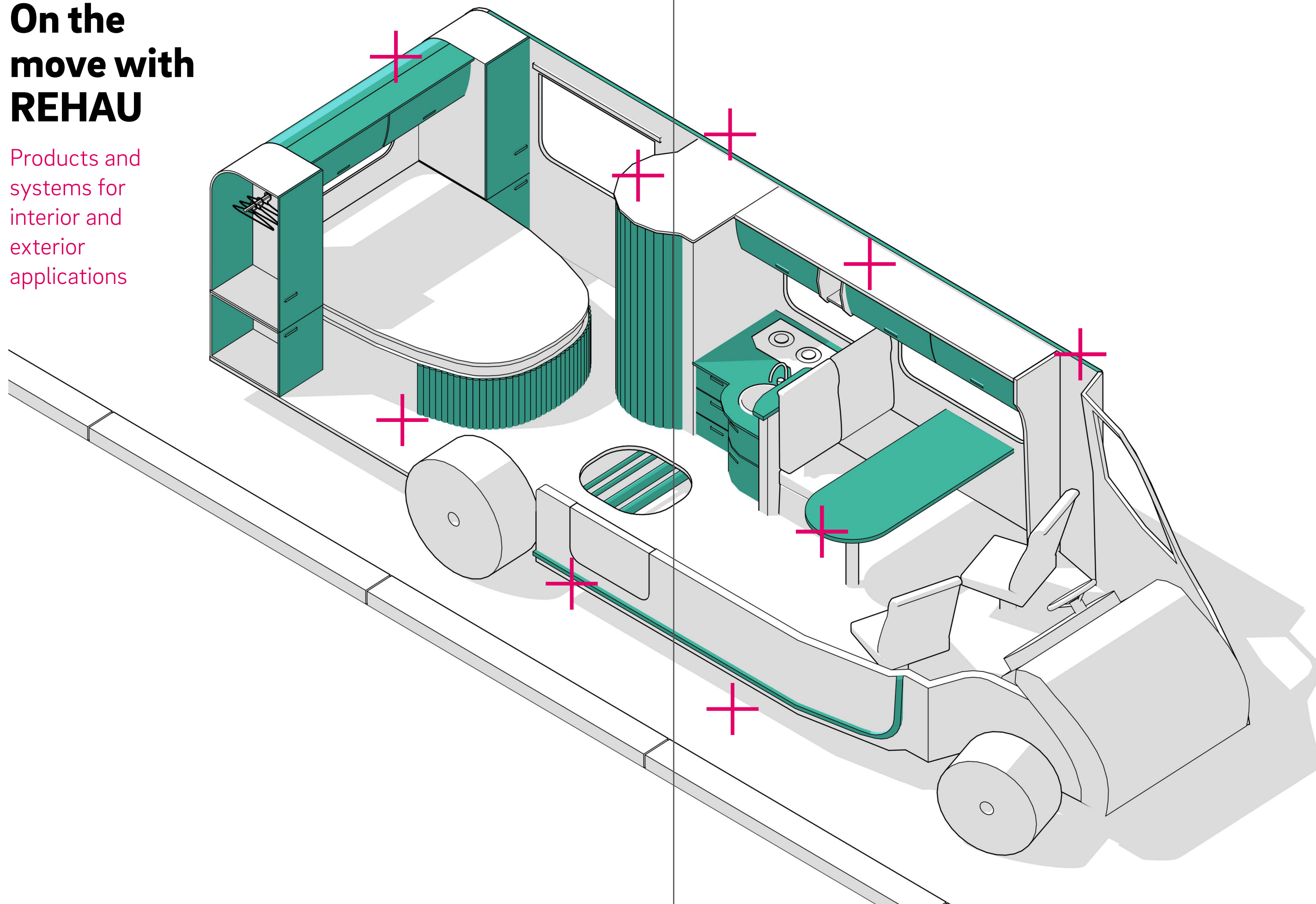
PÖSSL
das Original

Sunlight

carado

On the move with REHAU

Products and systems for interior and exterior applications



The new top layer

Surface solutions at a glance



Acrylic laminate RAUVISIO brilliant – Impressive versatility

With its excellent colour quality and brilliance, RAUVISIO is your first choice for high-quality surfaces in a lacquered look – and in matt. RAUVISIO brilliant replaces high-quality lacquered elements in surface design and enables you to create outstanding designs for laminating vertical furniture fronts. The versatile surface possesses excellent colour quality, and can be individually cut to the required dimensions using everyday woodworking tools.

- Can be processed with woodworking tools
- Up to 60% lower production costs compared to lacquered components
- Design options thanks to bending and bevelling
- High gloss on the milling radius possible



up to 60% lower production costs compared to lacquered components.

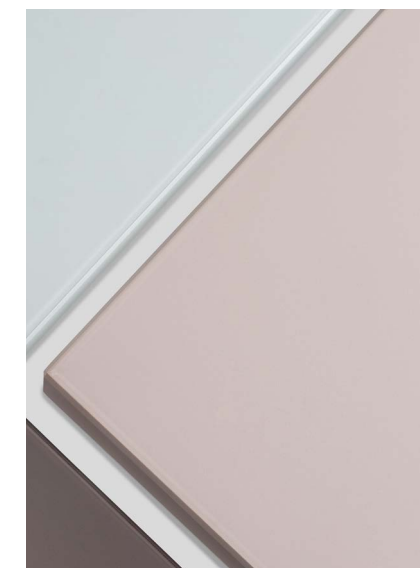


Glass laminate RAUVISIO crystal – just like glass, only better



- 50% lighter than real glass
- 10% more break resistant than real glass

It looks like glass, feels like glass, but is significantly lighter, more resistant and more flexible and can be processed using standard woodworking tools. The material is used in front panels, or in its thin version as rear walls of recesses or wall panels. Lots of décor variants in matt or high-gloss, a polymer mirror and magnetic additional functions provide an incredible range of design options.



RAUVISIO noir coating – elegance in noble matt

The silky matt finish and velvety feel of RAUVISIO noir brings surfaces to life and creates the perfect balance between design and function. The robust HPL surface makes it a very versatile material for applications exposed to severe mechanical stresses like counter tops, but also for classic vertical front panels.





**Lacquer
laminate
RAUVISIO
fino – the
economical
alternative**

RAUVISIO fino is REHAU's affordable yet high-quality alternative to lacquered components. Regardless of whether it's for high-gloss, matt or metallic surfaces, our lacquer laminate is used as a cost-effective solution for vertical furniture fronts. With the matching zero-joint edgeband, it gives the finished component a durable, seamless look.



**No-slip board RAUVISIO grip –
long-lasting. universal. practical.**

Elegant design, lots of storage, practicality: the things every mobile home owner wants. With RAUVISIO grip, the insides of drawers have the perfect surface. Even with large components, the contents always stay at the correct place. And the best part: instead of additional no-slip mats or separators, the no-slip surface is directly integrated in the production of the furniture. An added benefit for your customers. Individuality for your interior design.



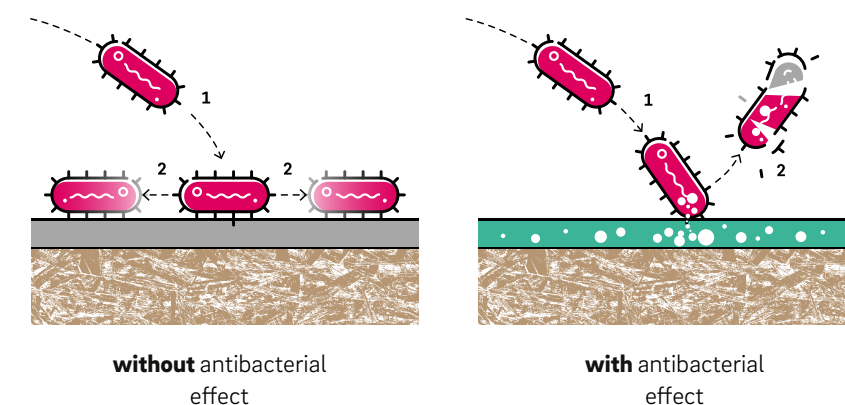
Touch with no regrets: REHAU health.protect

We all want to be safe when we travel. That can include being protected from viruses and bacteria. That is exactly where our anti-bacterial and antiviral surfaces and edgebands come in.

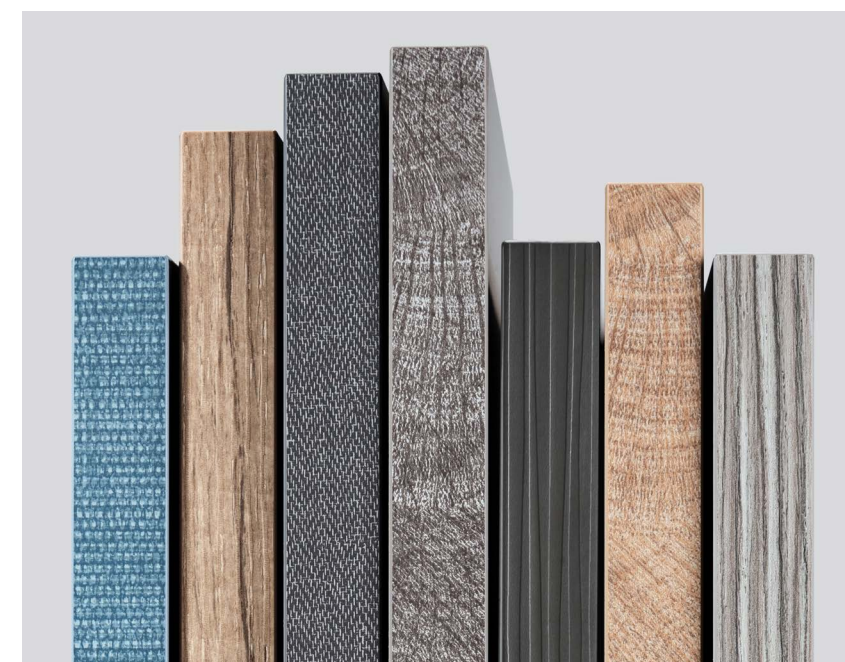
In normal humidity, more than 99.9% of bacteria and certain viruses are destroyed within 24 hours. Our RAUVISIO noir coating and the acrylic laminate RAUVISIO brilliant noble matt are equipped with health.protect as standard. The glass laminate RAUVISIO crystal and the acrylic laminate RAUVISIO brilliant are optionally available with an anti-bacterial finish.

**Bacteria
reduction
of**
up to 99% in 24 hours

How health.protect works



An anti-bacterial lacquer gradually releases slowly diffusing active ingredients. These not only prevent the bacteria cells from dividing, but destroy them permanently. Bacteria reduction of up to 99% in 24 hours.



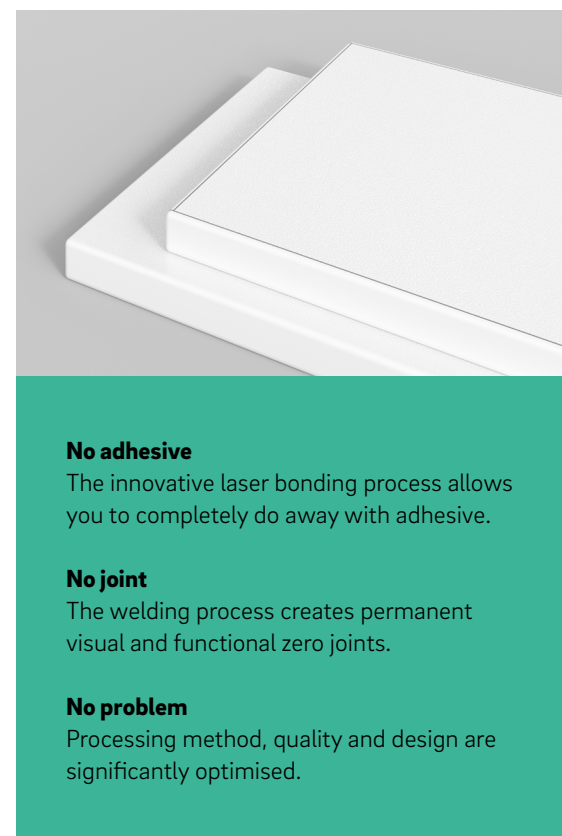
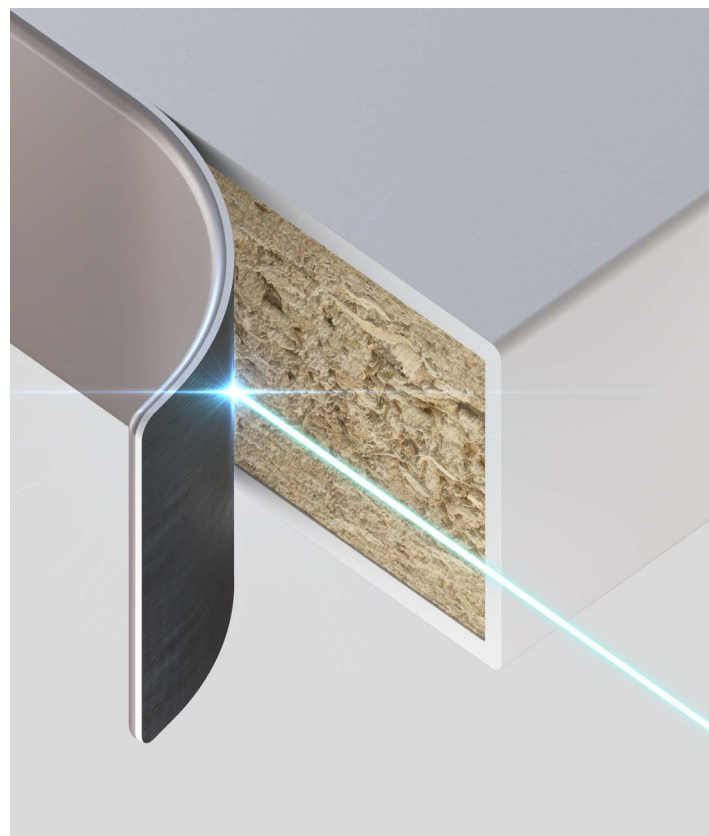
Safe all the way round

Of course you also get the matching edgebands with health.protect. An additional benefit is provided by our zero-joint edgebands, as there are no joints where bacteria can collect.

Discover all the details at www.rehau.de/healthprotect

More than an edge

The ideal edgeband for every requirement – this is REHAU's promise to our customers. But edgebands must do more than just impress with their look, their function plays a key role as well.



The classic: RAUKANTEX pure

Primer edgeband

Adhesive is melted before it is applied to the board or edgeband.

Example: EVA adhesive:

■	□	□	Moisture resistance
■	□	□	Ultraviolet resistance
■	■	□	Adhesion/hardness
■	□	□	Appearance

Example: PUR adhesive:

■	■	■	Moisture resistance
■	□	□	Ultraviolet resistance
■	■	■	Adhesion/hardness
■	□	□	Appearance

The entry-level edgeband: RAUKANTEX plus

Edgeband with TPU functional layer

A polymer-based, colour-matched functional layer on the rear side gives the components a seamless look. 100% adhesive-free. New generation with TPU base

■	■	□	Moisture resistance
■	■	□	Ultraviolet resistance
■	■	□	Adhesion/hardness
■	■	□	Appearance

The perfectionist: RAUKANTEX pro

Edgeband with polymer functional layer

Get perfect, seamless components with the 100% polymer functional layer. 100% colour match. 100% adhesive-free – tried and tested industry quality.

■	■	■	Moisture resistance
■	■	■	Ultraviolet resistance
■	■	■	Adhesion/hardness
■	■	■	Appearance



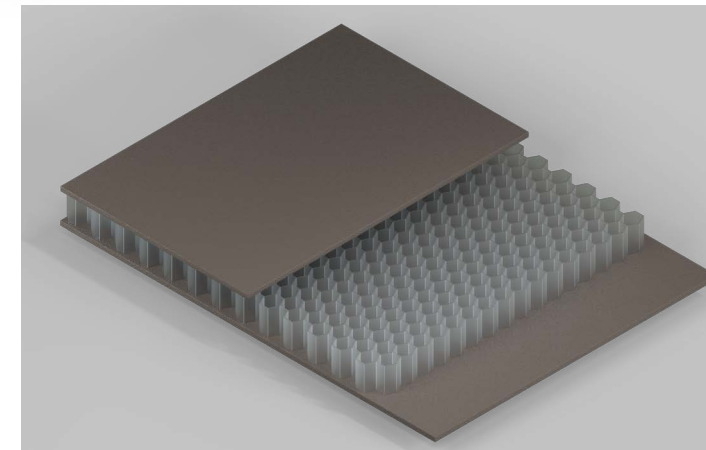
Because every gram counts – edgebands for lightweight construction

Lightweight substrate boards like PP honeycomb boards or PP/PVC rigid foam boards are the ideal solution for saving weight in the interior. But commonly used edging just doesn't quite satisfy the requirements of quality and design. Specifically for this application, we provide you with specially adapted functional layers for our zero-joint edgeband RAUKANTEX pro, as well as functional edgebands.



RAUKANTEX basic edge

The functional edgeband is inserted in the board underneath the actual décor edgeband and stabilises the thin top layers of the honeycomb or rigid foamboards in the radius area. RAUKANTEX basic edge is made of 100% recycled materials, so it saves on resources as well.



RAUKANTEX pro for GORCELL boards

PP-based honeycomb boards combined with the RAUKANTEX zero-joint edgeband are the perfect match:

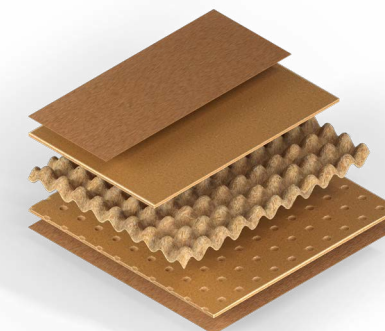


- Maximum weight reduction with highest quality
- Very high humidity and heat resistance

RAUKANTEX pro for lisocore boards

The composite material lisocore is highly material efficient and protects resources as well.

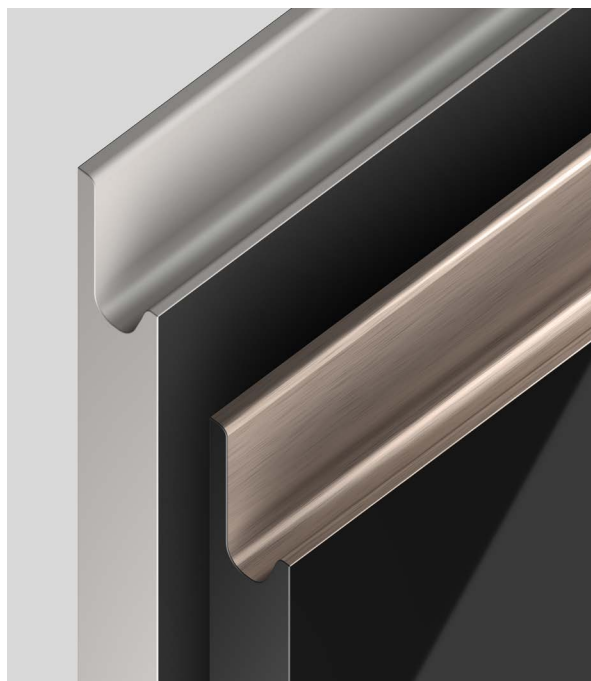
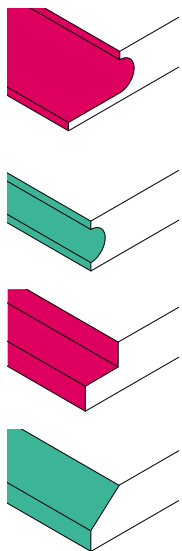
A perfect match for our sustainable edgebands RAUKANTEX eco and evo.



© Pyrus Panels



Here is an overview
of the form variants:



For any edge you can imagine – RAUKANTEX folding

The demand for individuality and modern interior design among mobile home and caravan enthusiasts is increasing steadily. At the same time, though, the interior must not waste too much valuable space.

RAUKANTEX folding and folding premium is a clever solution to do away with annoying handles and at the same time achieve a unique look. The possibilities of the filigree side-panel construction are also manifold.



Let there be light! RAUKANTEX lite, light-up and lumina

RAUKANTEX light edges turn any cabinet or kitchen area into a unique gem. Indirect lighting creates a cosy atmosphere at the same time.

And you can do it all without power: Thanks to special phosphorescent or luminescent elements, the edgebands store or collect natural or artificial light and glow in the dark or reflect the light at dusk or dawn.

That way, the interior, doors, steps or floor elements can become visible in the dark to provide orientation.

The edges can also be used on honeycomb boards without any problems.





Edgebands with added value

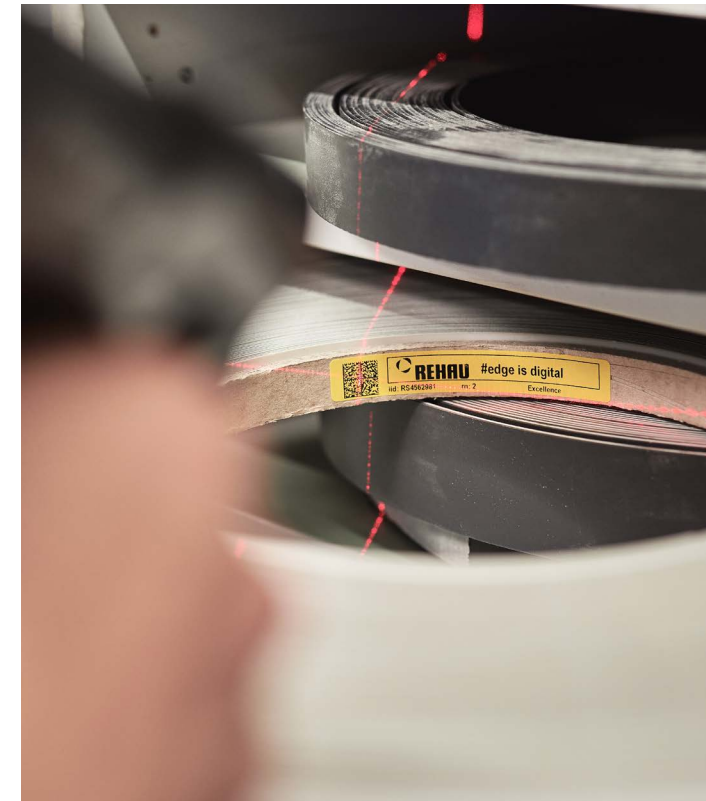
For REHAU, the story of the edgeband is a story of progress. RAUKANTEX has taken great evolutionary strides, and not just in terms of its look and ease of processing – the edgeband is now also available with various special functions.



For passive fire protection – RAUKANTEX FP

Fire protection is a key issue in any place where people spend time. RAUKANTEX FP from the fire.protection product family offers self-extinguishing edgebands with halogen-free flame retardants which meet the key European fire protection requirements and at the same time do not limit your design options. Their fire behaviour is certified according to the applicable standards EN 13501-1* and EN 45545-2.

* For composite testing with specific panels and adhesives, please refer to our technical information.



The digital edge – #edgeisdigital

When it comes to edging boards, these days you need a lot of time for storage, administration and setting up the machines. There is no up-to-date information on stock levels, consumption or remaining quantities. The master data must be transferred from the label to the machine: a source of errors that cost time and money. But there is an easier way: with the REHAU service for digitalising the edge. The principle behind #edgeisdigital is as ingenious as it is simple. Using the information on the inner core of the edgeband roll, the data can be made available "on tag", in a cloud or via a direct IT interface. For you, this means automation and optimisation throughout the storage and production process – in short: a smart factory!



Sustainable and with 100% perfect design – at REHAU, these aren't mutually exclusive

RAUKANTEX eco

With RAUKANTEX eco, we have developed an edgeband that is made of 50% post-industrial recycled materials and in no way falls short of a classic PP edge in terms of design, quality and processing.

RAUKANTEX evo

For our second sustainable RAUKANTEX product line, we rely on polymers made from non-fossil primary raw materials. That means: the PP base material of the edgeband does not require the use of additional crude oil.



Practical. Space-saving. Modern.

Whether as a practical cabinet solution, shower door or bath separation: the tambour door is one of the most variable and elegant solutions. Since it can be used both vertically and horizontally, it offers countless design options and fits in even the tightest spaces.

RAUVOLET vetro-line and crystal-line

You decide: Real glass slats or our smart glass laminate. A high-quality look is guaranteed either way.

RAUVOLET noble matt

With the RAUVOLET noble matt from our new Noble Matt Collection you get a unique combination of elegant look and pleasant feel. In a design match with our surfaces RAUVISIO noir and RAUVISIO brilliant noble matt, equipped with Soft Touch and anti-fingerprint functions.



© Dethleffs GmbH & Co. KG Photographer: Karl Holzhauser

The perfect joint – RAUWALON wall joint systems and plinth covers

The perfect interior is all about the details. Everything fits perfectly together and blends smoothly. With our wall connection profiles and plinth panels, you can ensure that the transitions between work-surfaces, cabinet units, floor and walls are exactly the way you want them to be. Fitted with a soft sealing lip, the profiles create a reliable buffer against moisture and dirt.





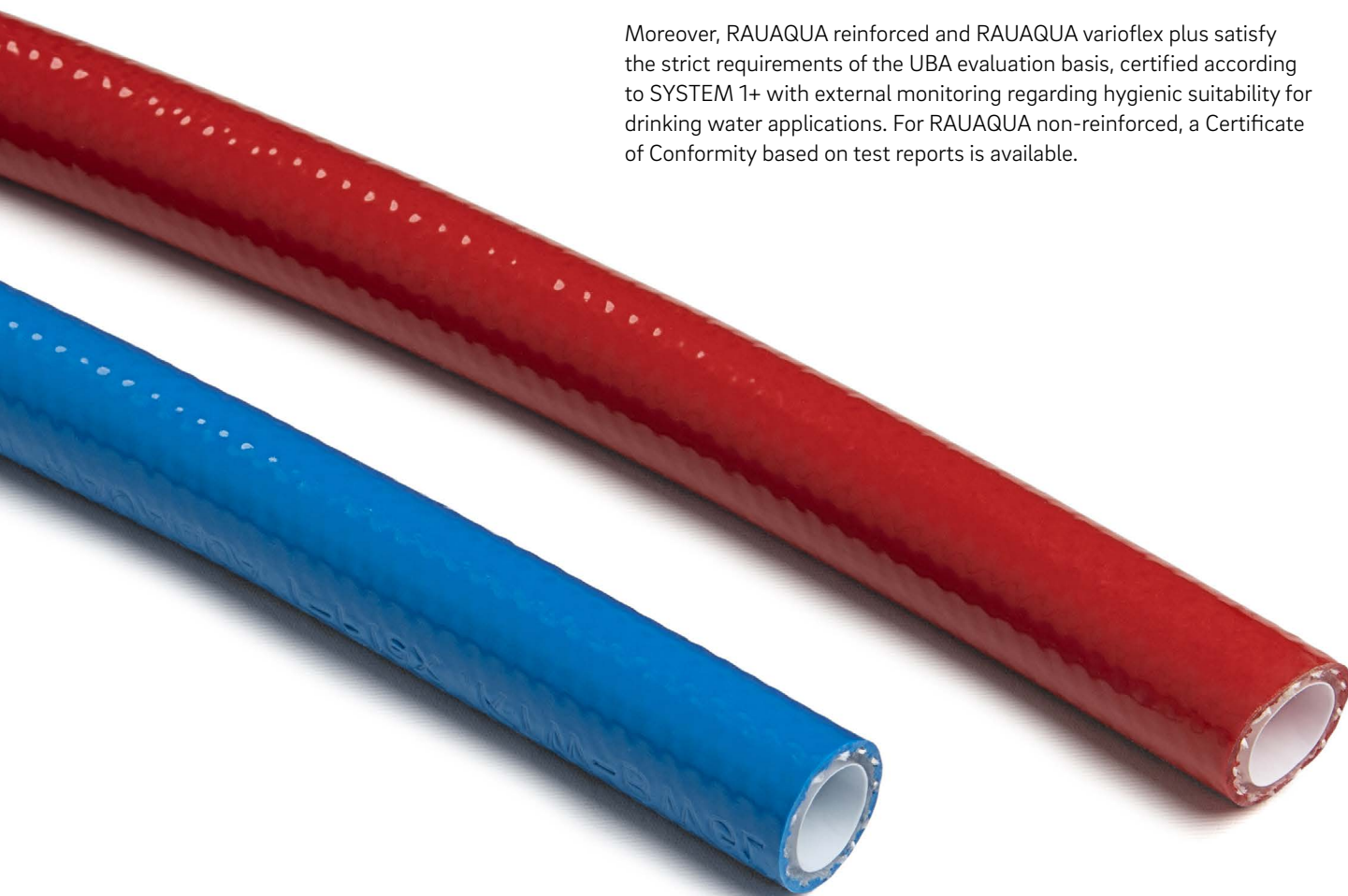
More than a hose – Fluid management

As a process specialist in the extrusion and fabrication of technical hoses, we offer a comprehensive portfolio for every vehicle.

Because taste matters – RAUAQUA drinking water hoses

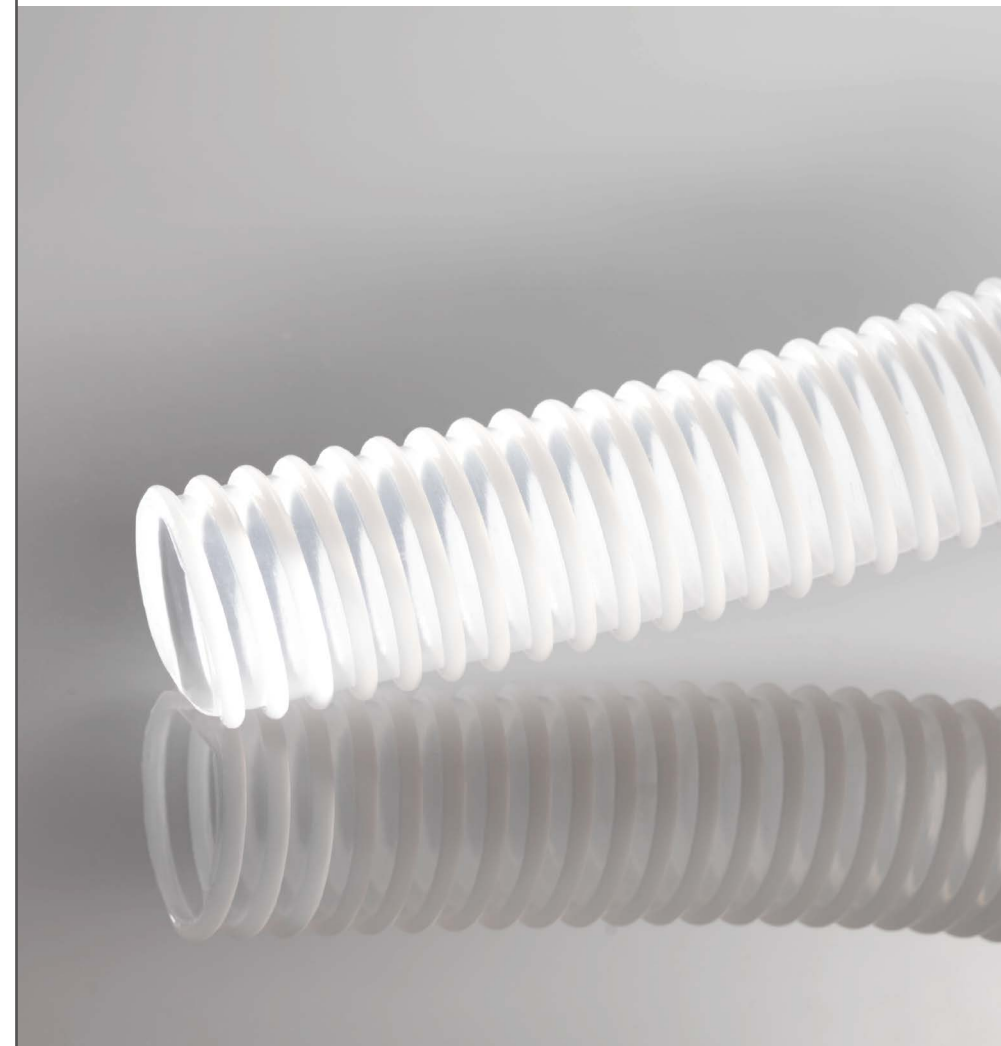
The RAUAQUA (reinforced or not reinforced) and RAUAQUA varioflex plus (reinforced) ranges provide drinking water hoses with DVGW certification.

Moreover, RAUAQUA reinforced and RAUAQUA varioflex plus satisfy the strict requirements of the UBA evaluation basis, certified according to SYSTEM 1+ with external monitoring regarding hygienic suitability for drinking water applications. For RAUAQUA non-reinforced, a Certificate of Conformity based on test reports is available.



Suction & conveyance – RAUSPIRAFLEX hoses

RAUSPIRAFLEX is the name of our special spiral-reinforced hoses, used for example for filling tanks or waste water disposal. Thanks to their flexible design, the hoses are suitable for use in tight radii. There is also a special hose in this portfolio specifically for drinking water applications: RAUSPIRAFLEX aquatec is a patented drinking water hose, which satisfies the strict requirements of the UBA test guideline KTW, Category A Cold Water, as well as the DVGW W270.



When extremes are what you need – silicone hoses, profiles and seals

Resistant to high temperatures up to +300 °C, cold flexible down to -80 °C, permanently elastic and physiologically safe: Wherever other materials reach their limits, silicone shines. But a material alone does not constitute a product solution.

Whether as a supply hose to a wash-basin, water cooler, soda maker, as an inner hose for a kitchen fixture or a cleaning hose: the RAUAQUA SIK solutions satisfy the strict requirements of the KTW Guideline issued by the

UBA, product group: pipes DN < 80 mm (KTW-A) and DVGW, worksheet W270, and are suitable for a wide range of applications.

Our colleagues will be glad to help if you have any questions!

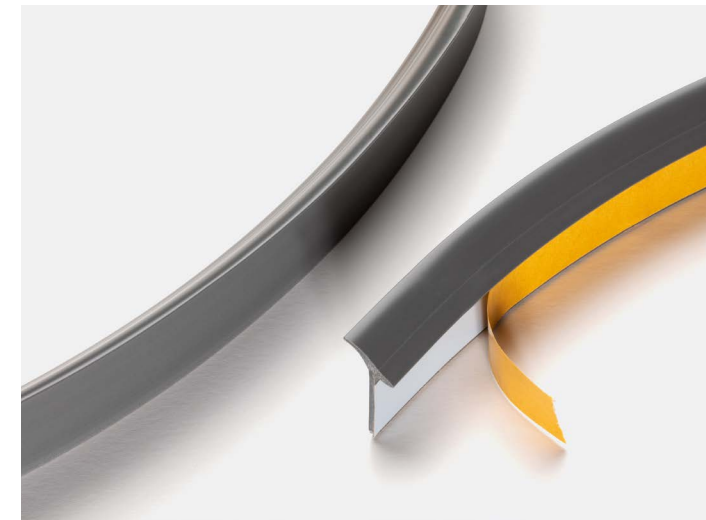
silnova
SYNERGIZING SILICONE



Endless variety – profile and seal technology

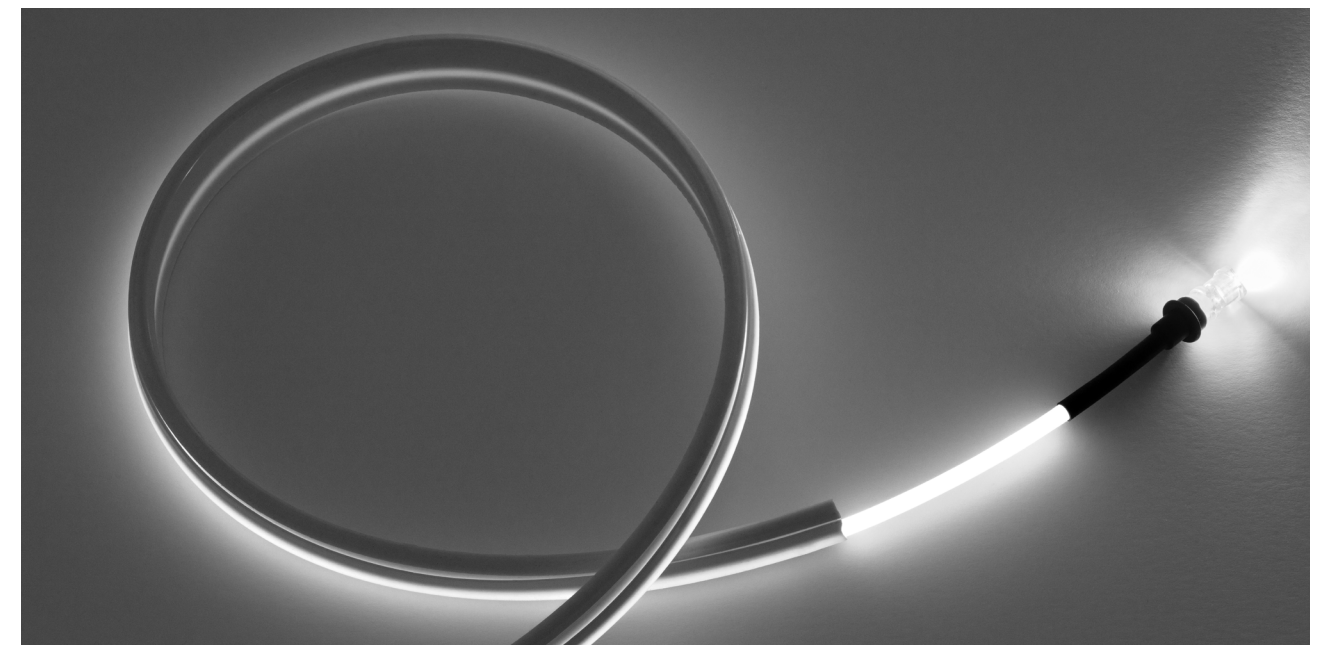
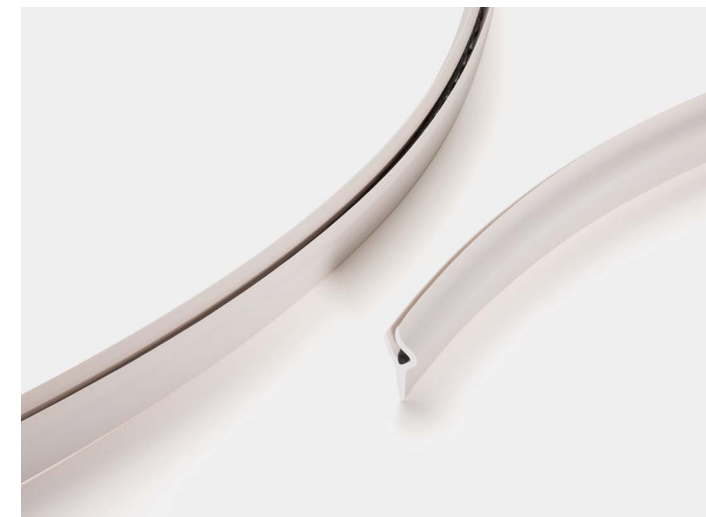
Extrusion is one of our core competences. REHAU provides a wealth of expertise in the extrusion process, from individual to multiple extrusion profiles, combined with in-line and offline fabrication competences.

Along the way toward a fitting solution, we support you in all phases of product development, from semi-finished products to complete fabricated systems.



REHAU cover profiles, surround profiles or contour illumination satisfy special requirements of optimum sealing and fixed mounting, temperature resistance, durability, weight reduction and design.

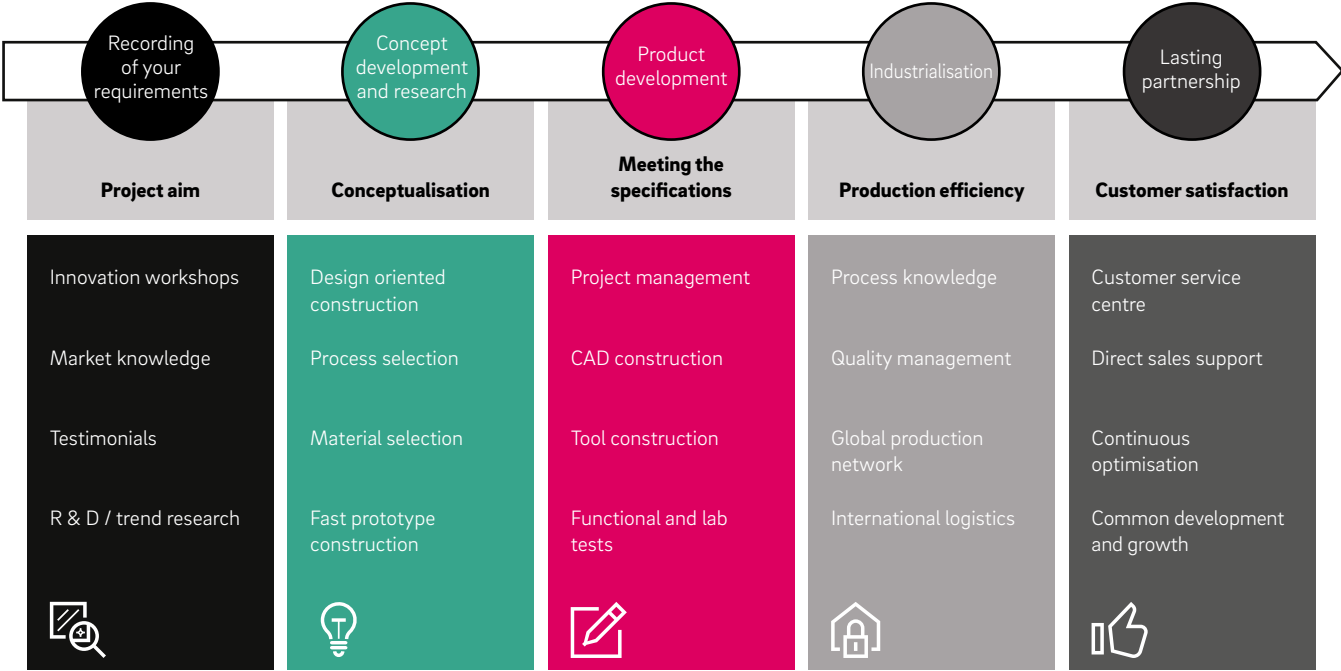
In the interior, our profiles and moulded parts can also help to save weight and at the same time guarantee safety and convenience. The portfolio of these profiles includes decorative and clip strips, cover and parapet profiles as well as cable duct profiles.





Our areas of expertise

- Material expertise**
 - Material development
 - Material preparation
 - Halogen-free
 - UL-listed
 - REACH-compliant
 - RoHS-compliant
 - Transparent
- Development expertise**
 - Consultation on application technology
 - CAD
 - FEM
 - Prototyping, e.g. 3D printing, SLS, etc.
 - Rapid prototyping
- Manufacturing expertise**
 - Extrusion / Co-Extrusion / Push-Extrusion
 - Injection moulding
 - Thermoforming
 - Foam blow moulding
 - Extrusion blow moulding
 - Fabrication
 - Laser marking
 - TP PUL-extrusion
 - Overmoulding of wires, strands, high-performance fibres
 - Preto and prototyping
 - Painting / surface finishing
 - 3D printing in series



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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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