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## RAUVISIO SURFACE MATERIALS

Design variety for industrial applications

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# THE DESIGN WORLD OF RAUVISIO



**Hans Peter Mehnert**  
Head of Product Management  
Furniture Components

## **From the edgeband to the perfect component**

With our RAUVISIO surface solutions, we offer a unparalleled range of creative diversity. From glass to lacquered and textured surfaces, we continue to provide innovative stimuli with smart polymer laminates that enable furniture manufacturers to offer modern furniture to their customers . With both the surface materials of the RAUVISIO family and the RAUKANTEX edgeband collection, we keep an eye on the market and incorporate current trends and market requirements into our collections. Our focus is always on the customer, whom we offer true added value with our surface range: perfect components manufactured precisely to the specifications of our customers.

## **Becoming a full-range supplier**

Surface, edgeband, invisible joint – three components which, when combined, form the basis for a premium-quality and a design-oriented interior. With an almost unlimited number of edgeband variants and numerous different surface materials, we drive innovations in the furniture industry whilst continuously adapting our collections to suit your needs. In addition to the visual components, REHAU now offers a functional element in the form of invisible joint technology that gives the components a look of lasting and total seamless integration.

## **Driving innovation with an expanded portfolio**

We will continue to offer an attractive portfolio. Work on collections is driven by new trends and innovations anticipating new market potential and implementing individual customer requirements.

## **As convenient as possible: focus on service**

Customised and as simple as can be: expanded services make work easier for you. With the online configurator, finished fronts can be ordered in just a few simple steps.

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## Sales support?



We are happy to help you create sales literature and provide you with advice and support.

**Just get in touch with your REHAU contact person.**

# RAUVISIO SURFACE RANGE

## An overview

We developed our RAUVISIO surface range to fully meet your requirements. The following provides an overview of the individual product lines:

### RAUVISIO crystal

Glass laminate



#### magnetic

Upon request, all decorative designs also available with magnetic function

### RAUVISIO brilliant

Acrylic laminate  
(without hardcoat finish)

### RAUVISIO brilliant SR

Acrylic laminate  
(with hardcoat finish)

### RAUVISIO wave

Textured laminate

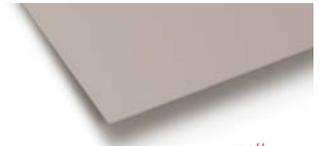
## Laminate

### Single components\*

#### Uni



high-gloss



matt

#### Mirror



high-gloss



high-gloss



high-gloss



matt

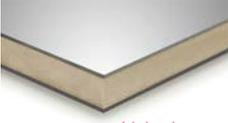


matt

\* Of course, you can also get the perfectly coordinated balancing sheet and matching edgebands as individual components directly from us.



All RAUVISIO components are **TÜV-tested according to AMK regulations.**

Composite				Complete
Pressed components Large size boards				Pressed components Made-to-measure components
<b>Uni</b>		<b>Uni - thin panel</b>		 <p>Made-to-measure from <b>one piece</b></p>
 <i>high-gloss</i>	 <i>matt</i>	 <i>slim high-gloss</i>	 <i>slim matt</i>	
<b>Mirror</b>		<b>Mirror - thin panel</b>		
 <i>high-gloss</i>		 <i>slim high-gloss</i>		
 <i>high-gloss</i>				
 <i>high-gloss</i>	 <i>matt</i>		 <p>Made-to-measure from <b>from 1 piece</b></p>	
	 <i>matt</i>		 <p>Made-to-measure from <b>from 1 piece</b></p>	



**Guaranteed sustainability**

Our RAUVISIO products pressed with wood materials meet the PEFC end-to-end supply chain for sustainable forestry – from the forest enterprise through to delivery to our customers.

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# APPLICATIONS

The RAUVISIO surface ranges in use

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© By courtesy of pronorm Einbauküchen



**RAUVISIO wave**  
The textured laminate

**RAUVISIO crystal magnetic**  
The magnetic glass panel

**RAUVISIO crystal**  
The glass laminate





**RAUVISIO wave**  
The textured laminate



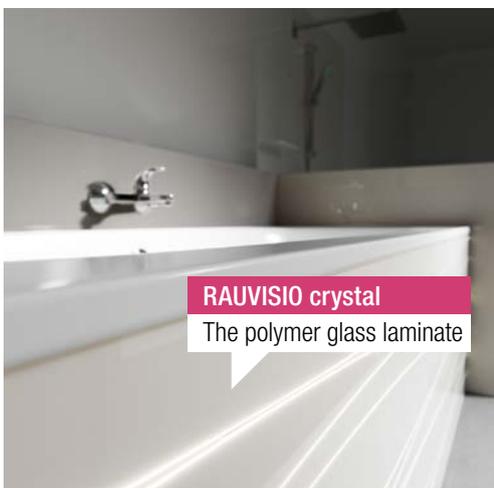
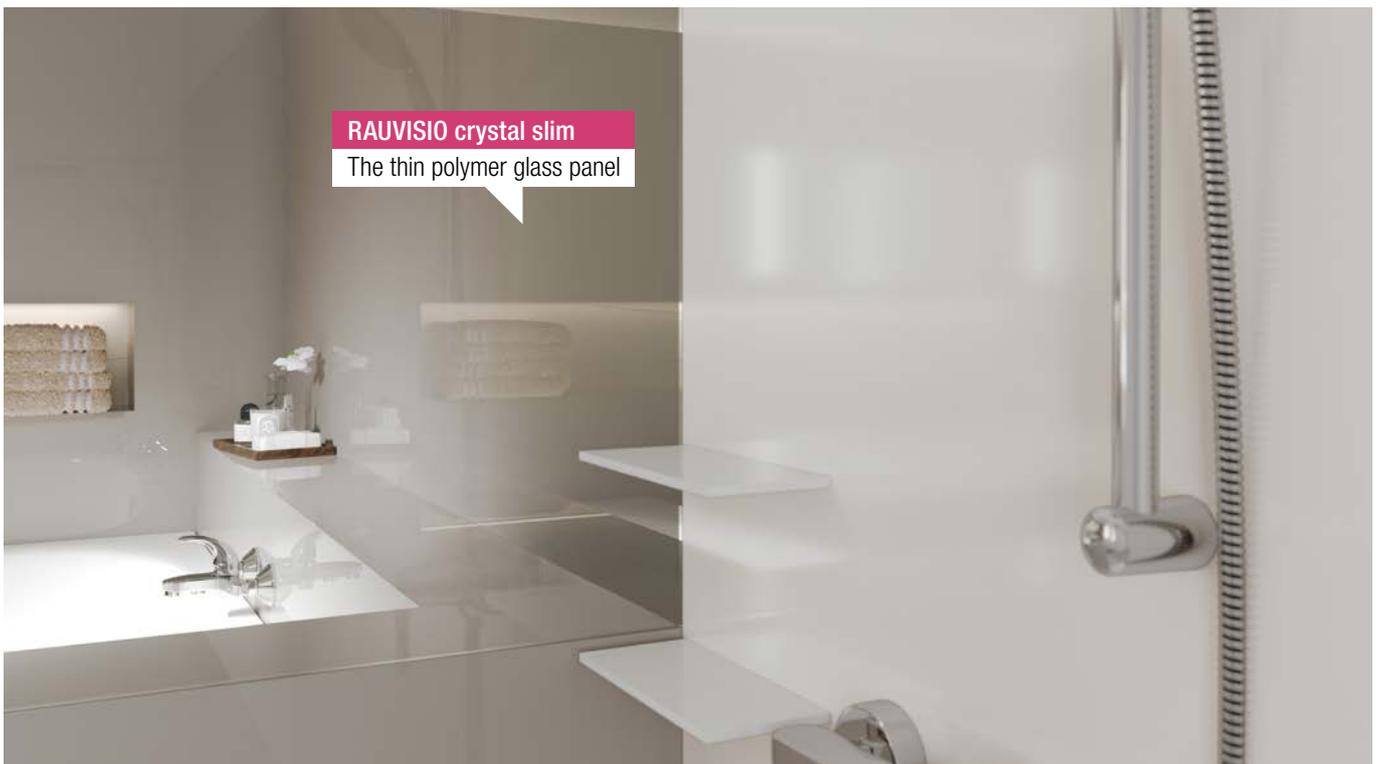
**RAUVISIO crystal magnetic**  
The magnetic glass panel

**RAUVISIO brilliant**  
The high-gloss laminate

**RAUVISIO crystal slim**  
The thin polymer glass panel

**RAUVISIO crystal**  
The polymer glass laminate





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# RAUVISIO CRYSTAL

The smart glass

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Can be **processed with common woodworking tools**



**50% lighter** than real glass



**10x more break-resistant** than real glass



**20% fewer rejects** compared to real glass



**High scratch resistance** thanks to the hardcoat finish



**No finger marks** on matt surfaces



**Easy cleaning** thanks to nano properties



Can be **written on** and free of residues can be removed again



Finished RAUVISIO crystal components are **TÜV-tested according to AMK regulations**



reddot design award  
honourable mention 2013



interzum  
Award  
High product quality  
intelligent material & design 2015

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# THE MOST FLEXIBLE GLASS OF ALL TIME

## RAUVISIO crystal

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The smart glass RAUVISIO crystal looks just as beautiful as real glass, but boasts a number of advantages: it is more break-proof and scratch-resistant and much lighter than real glass – and also offers excellent processing flexibility.

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### Multitude of variants

#### **RAUVISIO crystal**

is available in different decorative design variants:

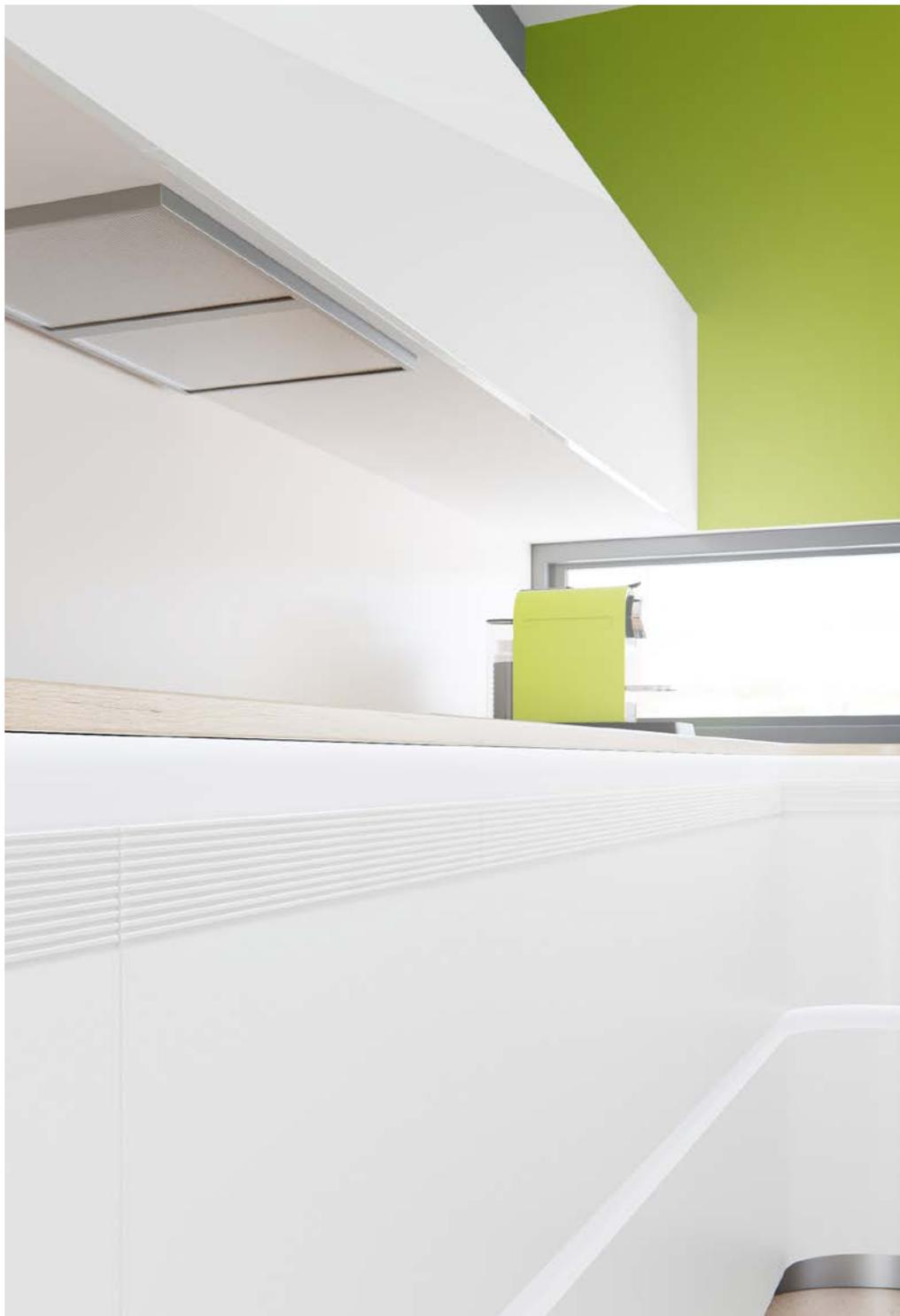
#### **RAUVISIO crystal uni**

#### **RAUVISIO crystal mirror**



#### **magnetic**

All decorative designs also available with magnetic function



# PRODUCT RANGE

## Individual components

### Glass laminate and balancing sheet

high-gloss or matt

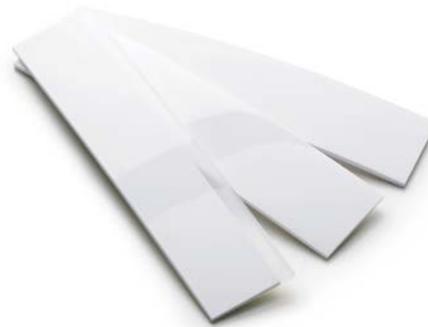
The glass laminate and balancing sheet, each 2.0 mm, are perfectly colour-coordinated and ensure a distortion-free pressed board.



### Edgeband collection

high-gloss or matt

For RAUVISIO crystal, we offer two perfectly coordinated edgeband designs.



If you would like to press the laminates and balancing sheets yourself, we now offer the perfect PUR adhesive for this:

**RAUVISIO Flat-Lam PUR**

## Pressed components

### Composite

high-gloss or matt

On request, RAUVISIO crystal is available as a pressed board in a large-scale format consisting of the glass laminate, MDF board and colour-coordinated balancing sheet.



### Dimensions:

2,800 x 1,300 mm

### Slim

high-gloss or matt

The 4.0 mm thin system product consists of the RAUVISIO crystal glass laminate directly pressed with a colour-coordinated balancing sheet.



**For splash back applications and bathroom renovations**

### Complete

high-gloss or matt

Using the REHAU surface configurator, you can have RAUVISIO crystal components and matching edgebands manufactured into individually fabricated components in invisible joint quality from one piece.



Made-to-measure from **one piece**

# PRODUCT ADVANTAGES



## Easy processing

Whether it's customised, dimensionally accurate pre-cuts or drill holes for handles or fittings – you can easily process RAUVISIO crystal using already existing woodworking tools, without the risk of breaking it or producing any rejects. Even bends and free-form parts can be created without problems.



## Grooves & inlays

Thanks to grooves and inlays, RAUVISIO crystal offers even more design flexibility.



## Back lighting

The rear grooves are ideally suited for back lighting using conventional lights. This will allow you to add even more highlights.



## Break and scratch-resistant

RAUVISIO crystal is break-resistant and is therefore also well suited for large-scale industrial production. Thanks to its shock and break resistance, up to 20% fewer rejects are produced. The material is also as scratch-resistant as real glass and therefore highly resistant – even for end customers.

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## Top quality

The finished RAUVISIO crystal component is TÜV-tested according to AMK regulations





**Can be written on**

RAUVISIO crystal can be written on with conventional board markers, which can be easily removed without leaving any residues. Chalk can be used for matt surfaces.



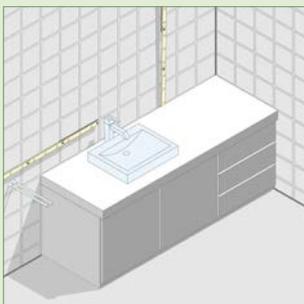
**Easy cleaning**

The non-porous surface is sealed with a hardcoat finish and can therefore be cleaned without problems. RAUVISIO crystal is also suitable for use in rooms with the highest hygiene requirements.

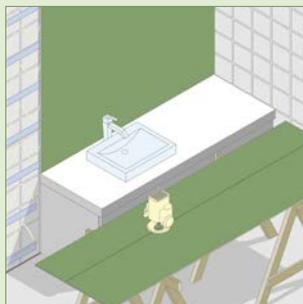
**Practical tip: RAUVISIO crystal slim**

With RAUVISIO crystal slim, wall areas in new builds and renovation projects can be renovated and modernised up to twice as fast. The panels are simply bonded with the underlying wall surface, which creates only a few, hardly noticeable joints.

**Perfect wall tiles in just a few steps:**



**Measuring**



**Cuting to size & bonding**



**Finished**

**Flexible on-site cutting to size:** the precise recesses for electrical elements such as electrical sockets can be easily measured and cut at the last minute.

# RAUVISIO CRYSTAL MAGNETIC

RAUVISIO crystal magnetic is a magnetic glass panel captivating with its versatile application options. Whether as a splash back in the kitchen or a frameless whiteboard in the office – RAUVISIO crystal magnetic opens up numerous design possibilities.

## Magnetic

All decorative designs also available with magnetic function upon request

## Residue-free cleaning

thanks to the hardcoat finish

## Frameless application

for a sleek design

## Dimensions:

2,800 x 1,250 mm



## Magnetic

The magnetic functionality is provided by a thin steel inlay. This does not alter the surface properties of RAUVISIO crystal at all, maintaining the added value in one's own home. Use of neodymium magnets required.

# RAUVISIO CRYSTAL MIRROR

Mirrors can be found virtually anywhere - whether it is in corridors, bathrooms, bedrooms or as an element for upmarket interior design. We give your creativity free rein with RAUVISIO crystal mirror – the perfect mirror for every application.



## Can be processed

using conventional  
woodworking tools

## 50% lighter and 10x more break-resistant

than real glass

## Design freedom

with bends, grooves and inlays



## Dimensions:

2,440 x 1,220 mm

## Mirroring

RAUVISIO crystal mirror features exceptionally high surface smoothness and impresses with a real-glass mirror look. And thanks to its polymer properties, it also offers a wide range of processing options. With grooves and inlays, it offers even more design freedom. Rear grooves are perfectly suitable for back-lighting.



intelligent  
material &  
design 2017

# THE COLOUR SPECTRUM: TIMELESS ELEGANCE



© Christian Grund



**Corniola**  
cosy,  
comfortable,  
lively

Behind every colour collection is a creative mind. With the RAUVISIO crystal colour collection, top-ranking colour researcher, designer and colour artist Prof. Axel Venn from Berlin was involved right from the start.



**Menta**  
realistic, light,  
fresh

Our aim for the colour collection quickly became apparent: the shades should be timeless and possess an eternal validity. The colours need to be suitable for a wide variety of settings, from private areas such as bathrooms, kitchens and interior design through to projects in hotels and offices, and they must of course work equally well across national borders.

The five colour shades for the glass laminate RAUVISIO crystal are distinguished by their timeless character, which is appropriate for private and commercial environments. All colours can be perfectly combined with one another or with other shades and materials. They are available in a matt and gloss finish.



**Azzurro**  
cool,  
spacious, open



**Sabbia**  
reliable, stable,  
easy to  
maintain

Professor Venn created a total of five colours that were then presented to a large audience via online and face-to-face surveys. People were asked to sort the series by attractiveness and rate all colour shades. Over 2,400 participants were interviewed worldwide. The majority expressed a preference for the series based on the colours Corniola, Menta, Azzurro, Fumo and Sabbia.



**fumo**  
harmonious,  
restrained,  
serious

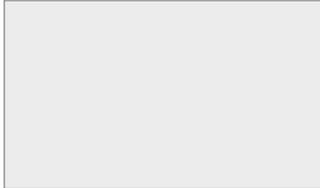
# DECORATIVE DESIGN AND EDGE BAND COLLECTION

## RAUVISIO crystal

### RAUVISIO crystal uni

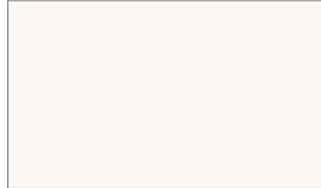
#### Bianco

high-gloss V2778  
matt 1696L



#### Perla

high-gloss V2892  
matt 1697L



#### Magnolia

high-gloss 73703  
matt 1698L



#### Corniola

high-gloss 1683L  
matt 1699L



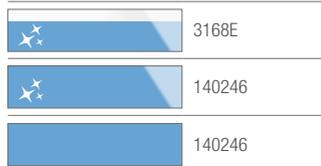
#### Menta

high-gloss 1684L  
matt 1700L



#### Azzurro

high-gloss 1685L  
matt 1701L



#### fumo

high-gloss 1686L  
matt 1702L



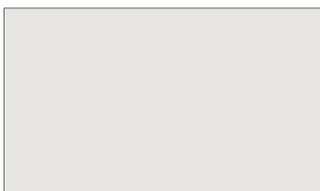
#### Sabbia

high-gloss 1687L  
matt 1703L



#### Nebbia

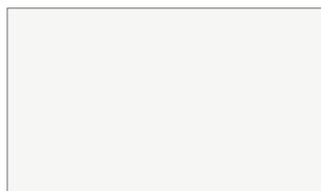
high-gloss 1910L  
Matt 1911L



NEW

#### Zucchero metallic

high-gloss 1923L



NEW

#### Mirror

high-gloss 1721L



NEW

*There may be colour variations in the illustration.*

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# RAUVISIO BRILLIANT

## Seamless acrylic surfaces

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Can be processed **with conventional wood processing tools**



**Colour and UV stable**



Up to **60% lower production costs** compared to lacquered components



**Total seamless appearance** and therefore an inexpensive alternative to real lacquered fronts



Finished RAUVISIO brilliant components are **TÜV-tested according to AMK regulations**



© By courtesy of nobilia Küchen

# RAUVISIO BRILLIANT SR

## Scratch-resistant, seamless acrylic surfaces



**High scratch resistance**  
thanks to the  
hardcoat finish



Can be processed **with conventional wood processing tools**



**Colour and UV stable**



Up to **60% lower Production costs**  
compared to lacquered  
components



**Total seamless appearance** and  
therefore an inexpensive  
alternative to real  
lacquered fronts



**Easy cleaning**  
thanks to nano  
properties



Can be **written on**  
and free of residues  
can be removed again



Finished RAUVISIO  
brilliant components are  
**TÜV-tested according  
to AMK regulations**

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# ACRYLIC SURFACES FOR THE FURNITURE INDUSTRY

## RAUVISIO brilliant / RAUVISIO brilliant SR

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Thanks to its total seamless appearance, RAUVISIO brilliant replaces high-quality, lacquered elements. With the new RAUVISIO brilliant SR variant, you can now get the exclusive surface with a resistant hardcoat finish for unlimited design freedom – regardless of whether you opt for the high-gloss depth effect or matt elegance.

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### Multitude of variants

**RAUVISIO brilliant**  
without hardcoat finish  
high-gloss

**RAUVISIO brilliant SR**  
with hardcoat finish  
high-gloss and matt



# PRODUCT RANGE

## Individual components

### Acrylic laminate and balancing sheet

brilliant: high-gloss

brilliant SR: high-gloss or matt

The acrylic laminate and balancing sheet are perfectly colour-coordinated and ensure a distortion-free pressed board.



If you would like to press the laminates and balancing sheets yourself, we now offer the perfectly coordinated PUR adhesive for this:

**RAUVISIO Flat-Lam PUR**

### Edgeband collection

high-gloss or matt

For RAUVISIO brilliant, we offer perfectly coordinated edgeband designs.



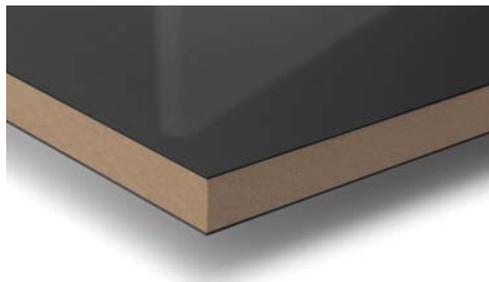
## Pressed components

### Composite

brilliant: high-gloss

brilliant SR: high-gloss or matt

On request, RAUVISIO brilliant is available as a pressed board in a large-scale format consisting of the acrylic laminate, MDF board and colour-coordinated balancing sheet.



### Dimensions:

2,800 x 1,300 mm

### Complete

brilliant SR: high-gloss or matt

Using the REHAU surface configurator, you can have RAUVISIO brilliant components and matching edgebands manufactured into individually fabricated components with invisible joint quality from one piece.



Made-to-measure from **one piece**

# PRODUCT ADVANTAGES



## Sawing & drilling

RAUVISIO brilliant can also be processed with conventional woodworking tools – individual, dimensionally accurate pre-cuts, holes for handles or fittings can conveniently be implemented.



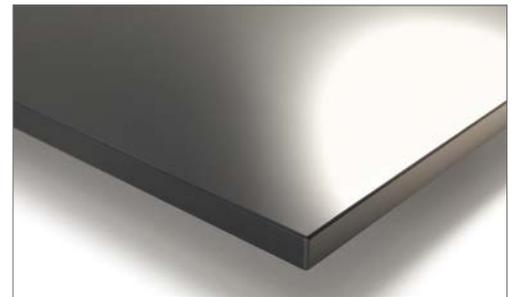
## Bending & folding

RAUVISIO brilliant is ideally suited for simple bending and folding. It can be shaped into nearly any form and thus provides a lot of design freedom for sophisticated furniture designs.



## High gloss on the milling radius

Combined with the polymer zero-joint edgeband and new processing technologies, the conventional frame effect disappears completely with RAUVISIO brilliant. The result is a perfect, all-round gloss on the entire workpiece.



## UV resistance

RAUVISIO brilliant has excellent light-fastness and UV resistance. So there are no colour variations between different light and sun exposures in interior applications.

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## Top quality

The finished RAUVISIO brilliant component is TÜV-tested according to AMK regulations



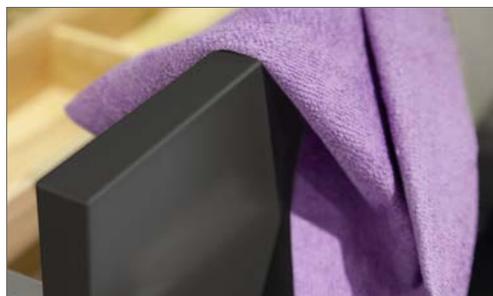
# RAUVISIO BRILLIANT SR

Custom room design is fashionable. Regardless of whether you prefer a high-gloss depth effect or matt elegance, we have developed an exclusive surface with hardcoat finish with RAUVISIO brilliant SR. In addition to its appearance, the material also captivates with its exceptional resistance to scratches and chemicals achieved thanks to the lacquer.



## High scratch resistance

With its lacquer, RAUVISIO brilliant SR is scratch resistant and suitable for demanding applications.



## Easy cleaning

The non-porous surface is sealed with a hardcoat finish, making it possible to clean without problems. RAUVISIO brilliant SR is also suitable for use in rooms with the highest hygiene requirements.

# DECORATIVE DESIGN AND EDGE BAND COLLECTION

## RAUVISIO brilliant/RAUVISIO brilliant SR

### Bianco

high-gloss: 5000B  
SR: high-gloss 5000B  
SR: matt 1895L



	2811E
	76367
	76367
	299Z
	300Z
	1861E

### Meringa

high-gloss 5026B  
SR: high-gloss 5026B  
SR: matt 1896L



	1767E
	78083
	76873
	029Z
	298Z
	1392E
	2765E

### Magnolia

high-gloss 5335B  
SR: high-gloss 5335B  
SR: matt 1897L



	1636E
	140252
	140590
	301Z
	302Z
	2773E

### Moro

high-gloss 5112B  
SR: high-gloss 5112B  
SR: matt 1903L



	1521E
	76490
	3047W
	032Z
	154Z
	741E
	8830

### Prugna

high-gloss 5642B  
SR: high-gloss 5642B  
SR: matt 1901L



	1639E
	76474
	140594

### Vino

high-gloss 5641B  
SR: high-gloss 5641B  
SR: matt 1902L



	2768E
	78978
	140592

### Cubanite metallic

high-gloss 5338B  
SR: high-gloss 5338B  
SR: matt 1898L



	2767E
	2228W
	3421W

### Gabbiano metallic

high-gloss 6339B  
SR: high-gloss 6339B  
SR: matt 1900L



	2230W
	3420W

*There may be colour variations in the illustration.*

**Bigio metallic**

high-gloss 6340B  
SR: high-gloss 6340B  
SR: matt 1899L



**Rame metallic**

high-gloss 1678L  
SR: high-gloss 1678L  
SR: matt 1904L



**Marrone**

high-gloss 1679L  
SR: high-gloss 1679L  
SR: matt 1905L



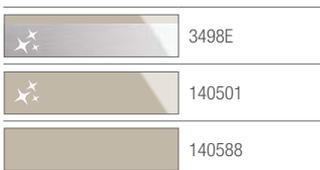
**Notte**

high-gloss 1680L  
SR: high-gloss 1680L  
SR: matt 1906L



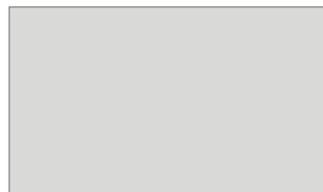
**Cappuccino**

high-gloss 1917L  
SR: high-gloss 1917L  
SR: matt 1918L



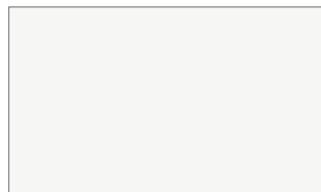
**Cemento**

high-gloss 1919L  
SR: high-gloss 1919L  
SR: matt 1920L



**Zucchero metallic**

high-gloss 5087B  
SR: high-gloss 5087B  
SR: matt 1907L



RAUVISIO brilliant

Without hardcoat finish  
high-gloss

RAUVISIO brilliant SR

With hardcoat finish  
high-gloss and matt

There may be colour variations in the illustration.

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## RAUVISIO WAVE

Unique wave-effect surface

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Can be **processed with conventional woodworking tools**



**High UV resistance**  
for interior applications



**Easy cleaning**  
thanks to the hardcoat finish



**Vario variant that can be lacquered** for custom colours shades



**Can be bonded by the joiner**  
Conventional casein glue suitable for pressing

# PRODUCT RANGE

## Individual components



In addition to conventional casein glue, you can press laminates and balancing sheets with RAUVISIO PUR adhesive yourself:

**RAUVISIO Flat-Lam PUR**



**Textured laminate, balancing sheet and edgeband collection**  
matt

The textured laminate and balancing sheet are perfectly colour-coordinated and ensure a distortion-free pressed board. With RAUKANTEX, we offer perfectly coordinated edgeband designs.

## Pressed components

**Dimensions:**  
2,800 x 1,300 mm



**Composite**  
matt

On request, RAUVISIO wave is available as a pressed board in a large-scale format consisting of the structured laminate, MDF board and colour-coordinated balancing sheet.



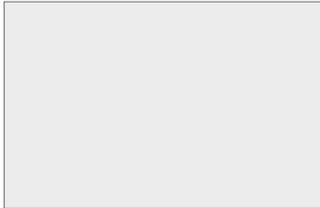
Made-to-measure from  
**one piece**



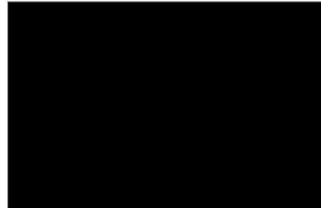
**Complete**  
matt

Using the REHAU surface configurator, you can have RAUVISIO wave components and matching edgebands manufactured into individually fabricated components with invisible joint quality from one piece.

## Decorative design and edgeband collection



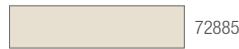
**Bianco** 1744L



**Moro** 1745L



**Vario** can be lacquered 1746L



## 3D surface texture

The wave-like pattern of the surface is reminiscent of a deep-milled and lacquered MDF board. Because the surface no longer needs to be processed manually, RAUVISIO wave saves considerable amounts of time and costs during production.



*Direction of the waves parallel to the narrow side*

# SERVICES

## RAUVISIO surface materials

### Pressed large size board

To ensure the quality of the pressed boards for you, we work with selected, authorised fabricators and can provide finished, pressed large size boards on request.

#### Your way to pressed large size boards:

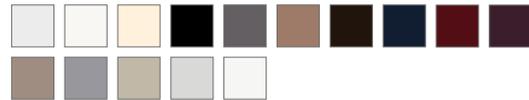
##### 1 Choice of decorative designs

RAUVISIO crystal/  
RAUVISIO crystal slim

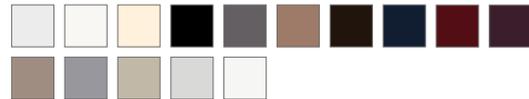
Uni high-gloss or matt



RAUVISIO brilliant  
high-gloss



RAUVISIO brilliant SR  
high-gloss or matt



RAUVISIO wave  
matt



### Pressed large size boards

On request, RAUVISIO boards are available completely pressed



##### 2 Choice of board thickness

RAUVISIO crystal 19 mm\*

RAUVISIO brilliant 14\*, 18\*, 20\* or 30\*\* mm

RAUVISIO wave 19 mm\*

##### 3 Select the balancing sheet

RAUVISIO crystal/RAUVISIO crystal slim

Identically coloured balancing sheet (embossed)

RAUVISIO brilliant

Identically coloured laminate (high-gloss or matt),

Identically coloured balancing sheet (embossed)

RAUVISIO wave

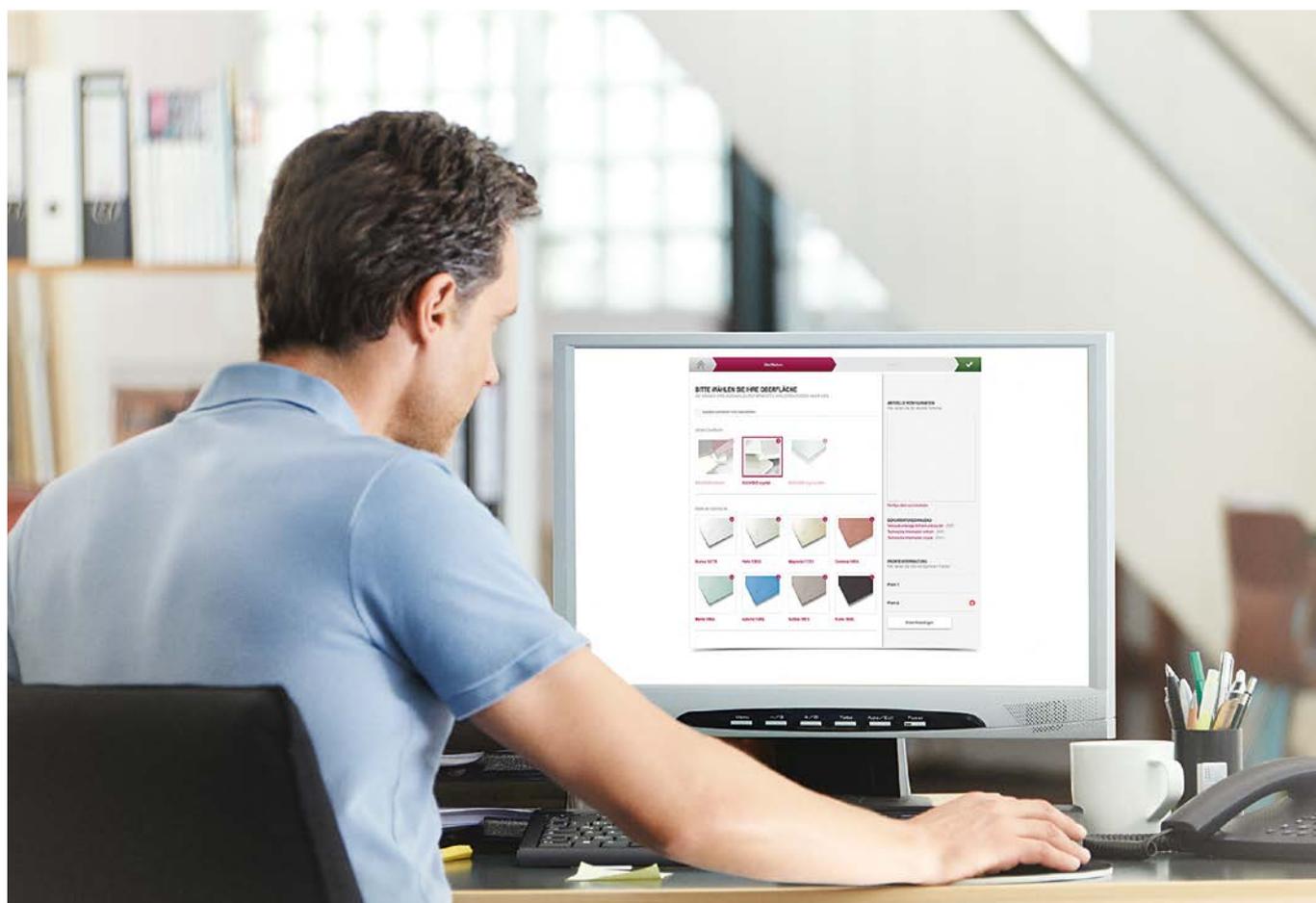
Identically coloured balancing sheet (embossed)

\* Other board thicknesses also available on request

\*\* Selected edgebands for pressed RAUVISIO brilliant boards in 30 mm board thickness (28 mm MDF) on request

## Made-to-measure, laser-edged fronts from one piece

With the surface configurator\* from REHAU, you can easily assemble your made-to-measure, laser-edged fronts from one piece in accordance with your wishes – for maximum quality with minimal processing effort.



### Your advantages with the surface configurator at a glance:



**One piece**  
production



**Convenient**  
**delivery**



**Matching edge**  
in invisible joint quality



**Made-to-measure front**  
– no off-cuts



Easy  
**online ordering**

REHAU surface configurator: [www.rehau.com/boards\\*](http://www.rehau.com/boards*)

*\* Not yet available in all countries.*

We're never far away.  
For locations, visit  
[www.rehau.com/locations](http://www.rehau.com/locations)

[www.rehau.com/rauvisio](http://www.rehau.com/rauvisio)

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Subject to technical changes.  
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