



RAUVISIO SURFACE MATERIALS

Design variety for industrial applications

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

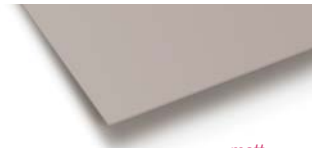
Laminate

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
 Pressed components
 Large size boards

Complete
 Pressed components
 Made-to-measure components

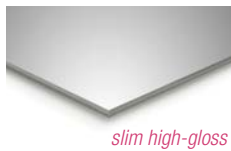
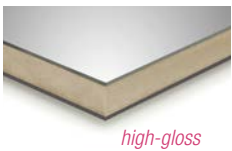
Uni

Uni - thin panel

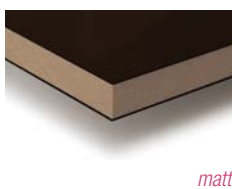
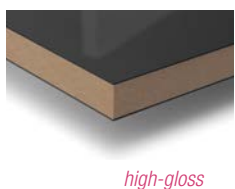
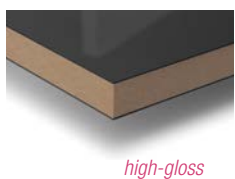


Mirror

Mirror - thin panel



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



Made-to-measure from **from 1 piece**



Made-to-measure from **from 1 piece**



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.

APPLICATIONS

The RAUVISIO surface ranges in use



© 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





RAUVISIO crystal slim
The thin polymer glass panel



RAUVISIO crystal
The polymer glass laminate

RAUVISIO CRYSTAL

The smart glass





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

THE MOST FLEXIBLE GLASS OF ALL TIME

RAUVISIO crystal

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.

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.



Top quality

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

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.





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.

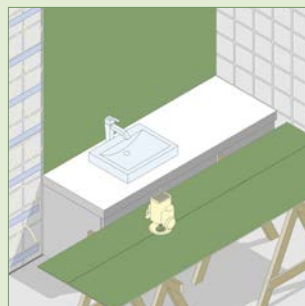
Practical tip: RAUVISIO crystal slim

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

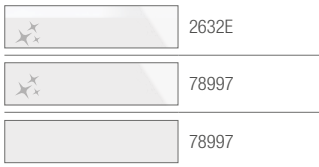
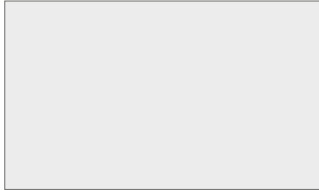
DECORATIVE DESIGN AND EDGE BAND COLLECTION

RAUVISIO crystal

RAUVISIO crystal uni

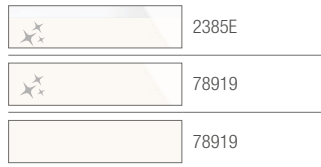
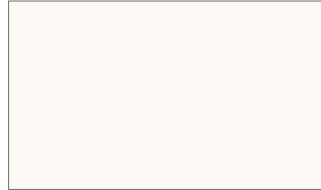
Bianco

high-gloss V2778
matt 1696L



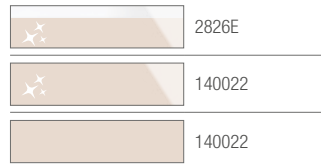
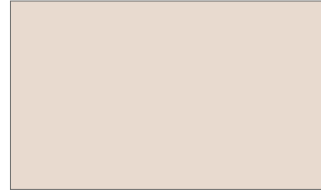
Perla

high-gloss V2892
matt 1697L



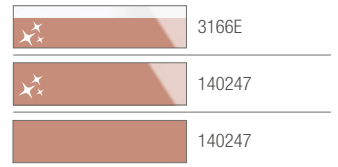
Magnolia

high-gloss 73703
matt 1698L



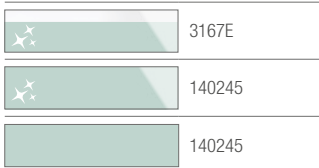
Corniola

high-gloss 1683L
matt 1699L



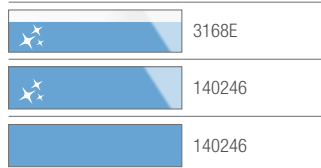
Menta

high-gloss 1684L
matt 1700L



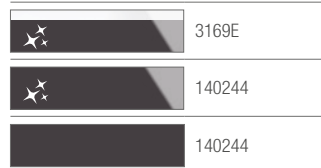
Azzurro

high-gloss 1685L
matt 1701L



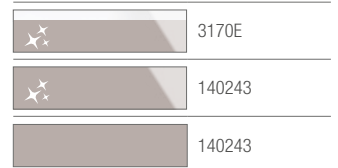
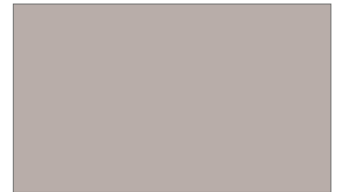
fumo

high-gloss 1686L
matt 1702L



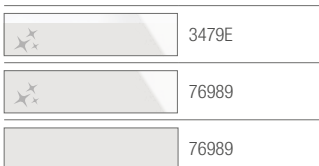
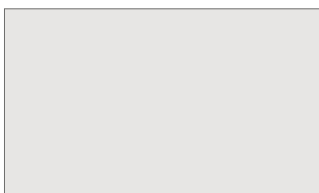
Sabbia

high-gloss 1687L
matt 1703L



Nebbia

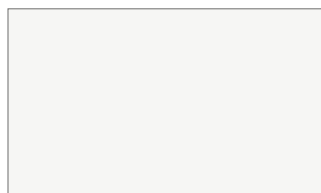
high-gloss 1910L
Matt 1911L



NEW

Zucchero metallic

high-gloss 1923L



NEW

Mirror

high-gloss 1721L



NEW

There may be colour variations in the illustration.

RAUVISIO BRILLIANT

Seamless acrylic surfaces



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**

ACRYLIC SURFACES FOR THE FURNITURE INDUSTRY

RAUVISIO brilliant / RAUVISIO brilliant SR

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.

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.



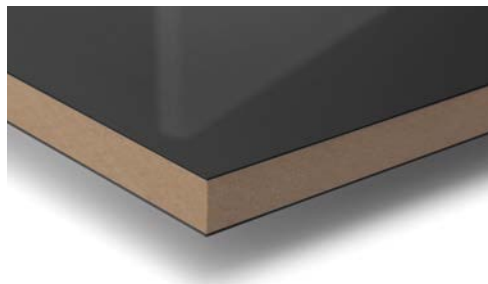
Pressed components

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.

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

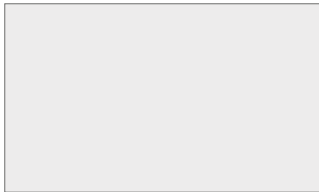
The non-porous surface is sealed with a hardcoat finish, making it possible to clean without problems. RAUVISIO brilliant SR is also suitable for use in rooms with the highest hygiene requirements.

DECORATIVE DESIGN AND EDGE BAND COLLECTION

RAUVISIO brilliant/RAUVISIO brilliant SR

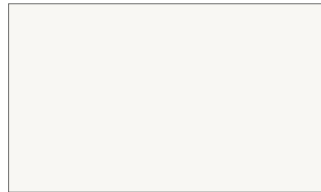
Bianco

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



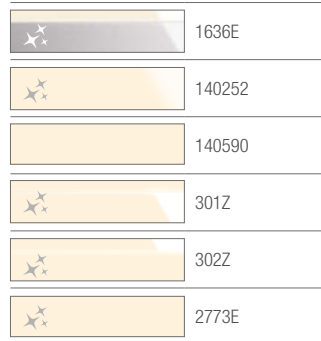
Meringa

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



Magnolia

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



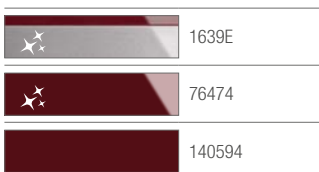
Moro

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



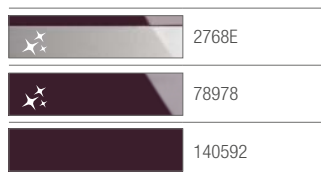
Prugna

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



Vino

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



Cubanite metallic

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



Gabbiano metallic

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



There may be colour variations in the illustration.

Bigio metallic

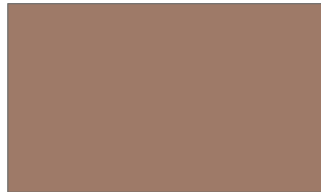
high-gloss 6340B
SR: high-gloss 6340B
SR: matt 1899L



	2766E
	2229W
	2229W

Rame metallic

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



	3163E
	2787W
	3427W

Marrone

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



	3165E
	140241
	140589

Notte

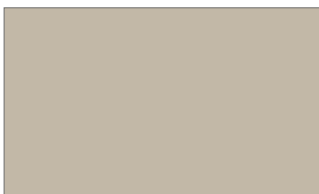
high-gloss 1680L
SR: high-gloss 1680L
SR: matt 1906L



	3164E
	140242
	140593

Cappuccino

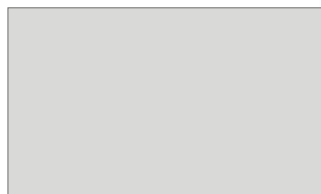
high-gloss 1917L
SR: high-gloss 1917L
SR: matt 1918L



	3498E
	140501
	140588

Cemento

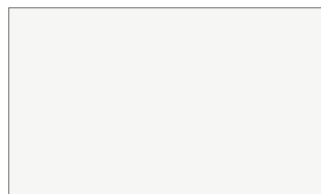
high-gloss 1919L
SR: high-gloss 1919L
SR: matt 1920L



	3526E
	63376
	140591

Zucchero metallic

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



	3550E
	3397W
	3429W

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.

RAUVISIO WAVE

Unique wave-effect surface





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

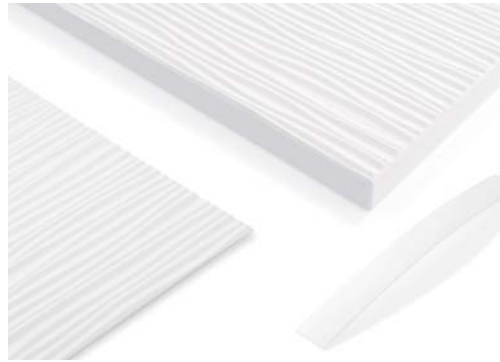
PRODUCT RANGE

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.



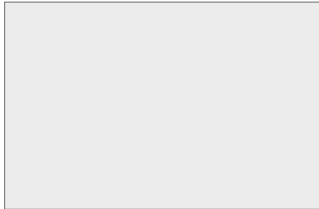
Made-to-measure from
one piece



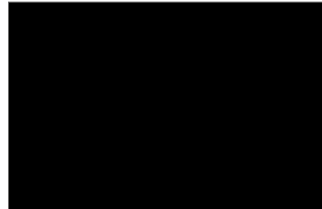
Complete
matt

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.

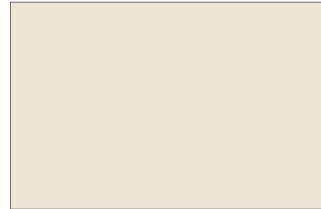
Decorative design and edgeband collection



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

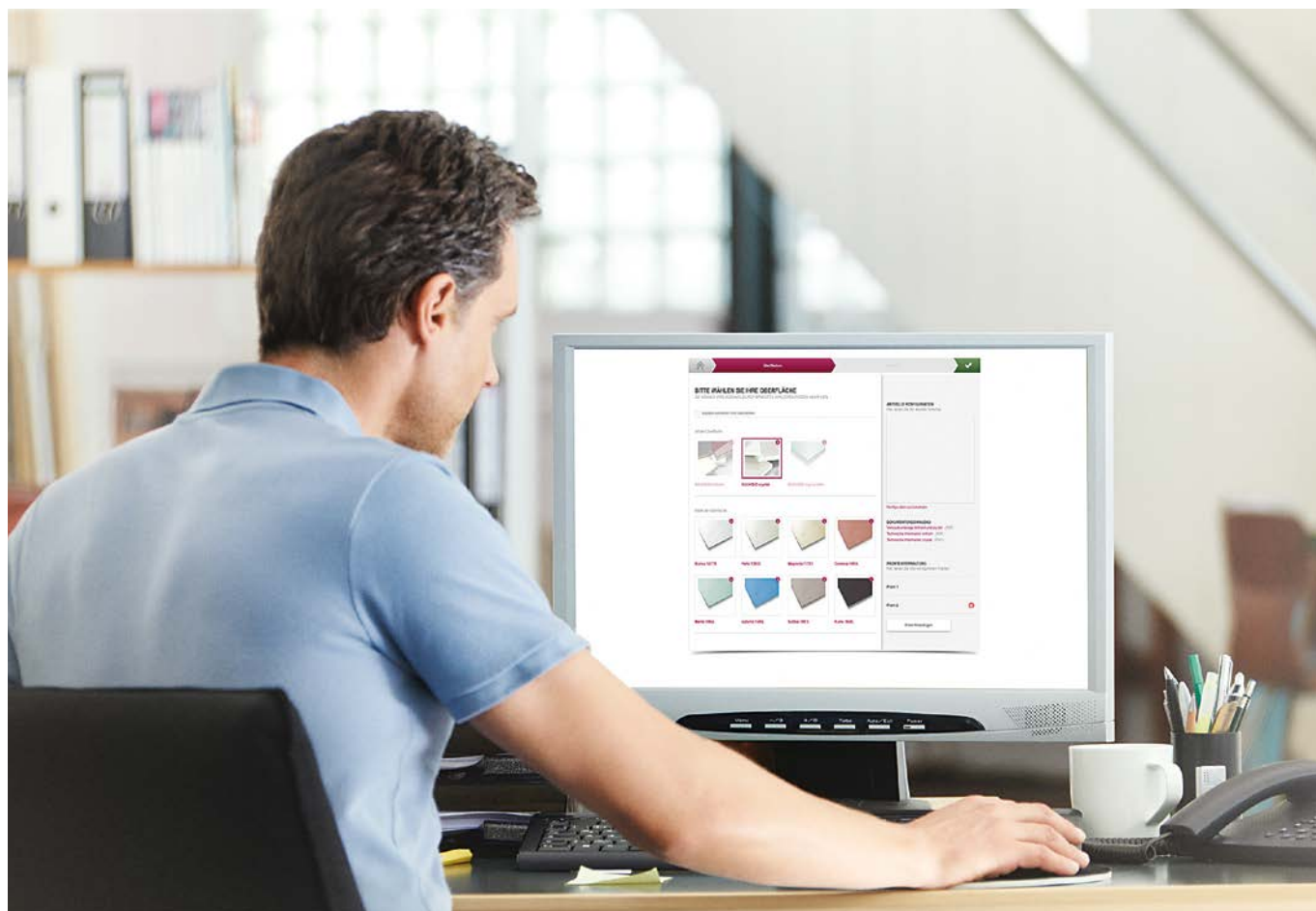
Identically coloured balancing sheet (embossed)

* 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*

** Not yet available in all countries.*

We're never far away.
For locations, visit
www.rehau.com/locations

www.rehau.com/rauvisio

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www.rehau.com

Subject to technical changes.
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