



**Engineering progress  
Enhancing lives**

## **Inside and outside become one.**

SYNEGO lift and slide doors: REHAU are bringing nature into your living room. For a home bathed in light with a panoramic effect.

Windows reinvented. For modern life.



# Expand your living room.

Flowing transitions between the inside and outside create unique living comfort. Bring your terrace and garden into your house with SYNEGO lift and slide doors.



## Simply huge

With a maximum element width of 10 m, and up to 2.7 m high, you've got a wide variety of design possibilities for your home. With slide and lift doors from SYNEGO, you can create access widths of up to 5 m, allowing the inside and outside to become one.



**Attractive architectural possibilities**

Design your home to be open, modern and full of light! With SYNEGO lift and slide doors, anything is possible. Bring nature into your house and enjoy the feeling of freedom thanks to a unique connection to the outside.

Up to  
**10 m**  
element  
width



# The best prospects for operating convenience

Impressive ease of movement, multiple opening options and easy cleaning – enjoy the convenience of SYNEGO lift and slide doors.

You can configure your own personal favourite model in combination with different equipment features. Special fitting solutions make opening and closing extremely easy, whilst optional electric motors provide additional convenience. In combination with a special dampened closing feature, the lift and slide door softly glides to the closed position and closes reliably for maximum security. Special threshold options also ensure nearly barrier-free access.

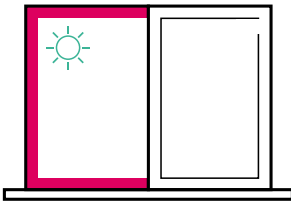
## **Total ease of use**

SYNEGO lift and slide doors don't just look great – they also function perfectly year after year. A special track carriage housing guarantees precise installation, and therefore reliable functionality, of the fitting components. The special sealing system protects you against draughts and moisture while ensuring optimised closing pressure. This makes it much easier to open and close your sliding doors.

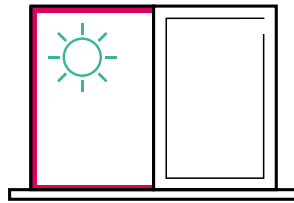


**Even more light with the panoramic version**

SYNEGO lift and slide doors offer exceptional stability and are lightweight, simple to operate and easy to slide. The panoramic version shines thanks to an up to 65% narrower frame that lets in the maximum amount of light and gives an even better view of the outside.



Standard version



Panoramic version

**Barrier-free transition**

Thanks to special threshold solutions, SYNEGO lift and slide doors allow for a nearly barrier-free transition. This not only increases living comfort, but ensures a sleek and modern look as well.



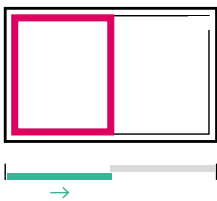
Up to  
**22 sqm**  
panoramic  
glass area  
possible

**For brilliance and easy maintenance**

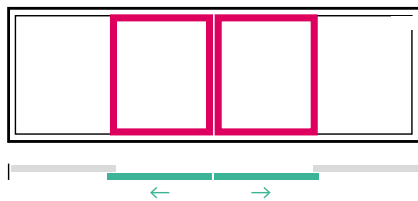
High Definition Finishing (HDF) ensures your windows and doors look like new every day. Its highly complex formula ensures a perfect surface which stays clean for longer and is super easy to clean.

**Opening options**

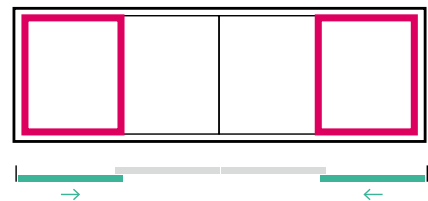
SYNEGO lift and slide doors deliver maximum convenience – just how you like it. Enables optimal use of your space.



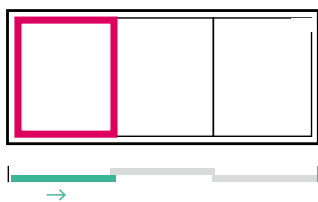
Model A, two part



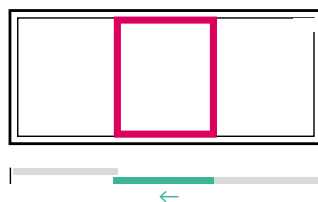
Model C



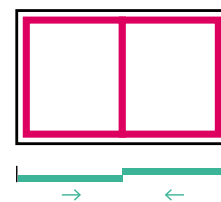
Model K



Model A, three part



Model G-A



Model D

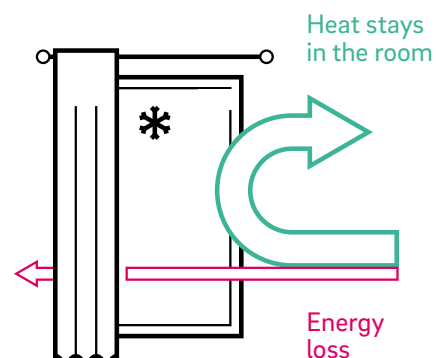


## Greater warmth and energy efficiency

Thanks to their outstanding thermal-insulation properties, SYNEGO lift and slide doors are a real savings plan. Enjoy pleasant warmth and reduce your energy consumption in the process.

Old doors and windows are the number one cause of energy inefficiency in homes. They are poorly insulated and usually technologically outdated. As a result, expensive heating energy is lost.

The thermal insulation value  $U_f$  achieves up to  $1.3 \text{ W}/(\text{m}^2\text{K})$ , which minimises outward energy loss and keeps heat inside. Large glass surfaces are also suitable for generating solar energy.











Up to  
**20 times  
less noise**

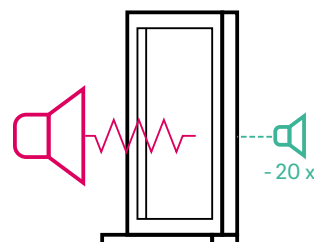
## Greater peace and sounder sleep

Whether it's disruptive traffic noise or the neighbour's bothersome lawnmower, SYNEGO lift and slide doors enable you to simply shut out the noise and make your home a true oasis of peace.

### **SYNEGO lift and slide doors switch off noise.**

Studies have shown that regular exposure to traffic noise results in a significantly higher risk of cardiovascular disease, even if you don't consciously notice the noise. Simply leave stress-inducing noise outside.

SYNEGO lift and slide doors create peace and a relaxed home. They reduce noise by up to 43 decibels, which corresponds to a 20-fold reduction in noise and improves your quality of life considerably. Feel great no matter how loud your surrounding environment is.



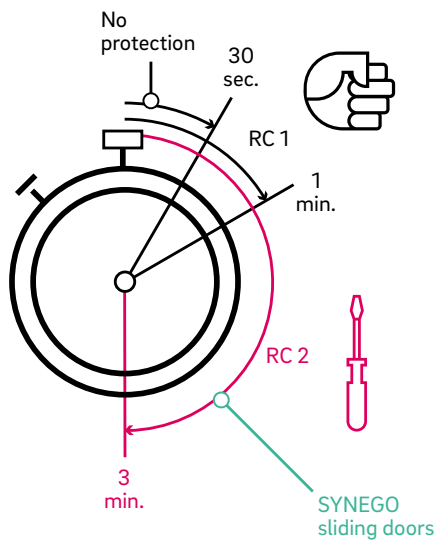
# Enjoy security.

SYNEGO lift and slide doors make life difficult for would-be intruders, allowing you to rest easy.



## Security up to resistance class RC 2

Windows and doors with resistance class RC 1 only offer low level protection against intrusion – meaning that intruders can get through them in a relatively short period of time – whereas windows in higher resistance classes take much longer and crucially, also require the use of heavy tools. SYNEGO lift and slide doors easily achieve resistance class RC 2.





Up to  
**resistance  
class RC 2**



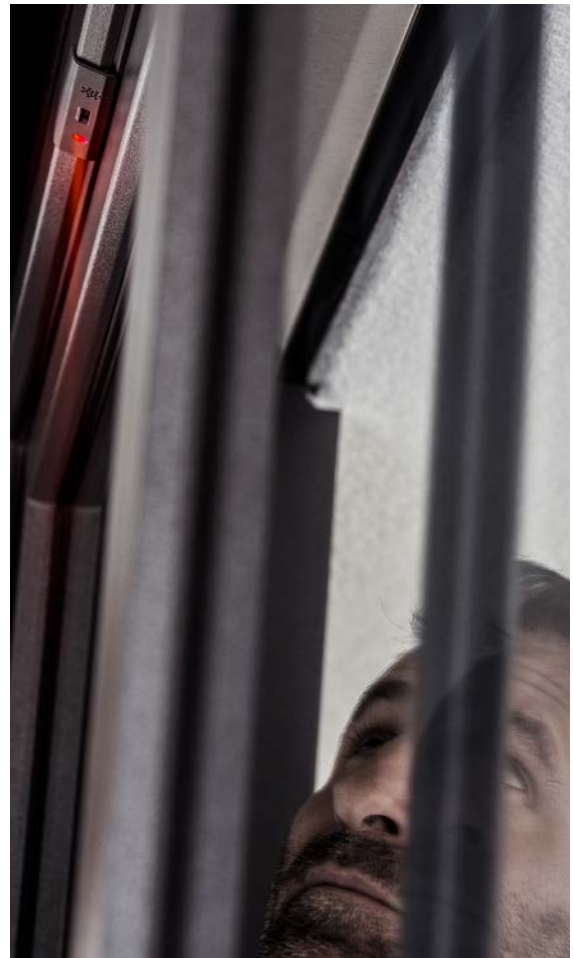
**Protect your home with REHAU's Smart Guard System.**

80% of all home intrusions occur through easily accessible windows and balcony doors. In more than a third of cases, enhanced security technology thwarts the attempt. Intruders quickly seek out an easier target if they can't get into a house within a very short period of time.



**For added security**

With the Smart Guard system from REHAU, you can integrate a preventive security system as an add-on into your windows and doors. It detects intruders and deters them away with visual and audible signals before anything happens.



# Design versatility for the home you desire

Fulfil your design dreams with our KALEIDO COLOR range of colours.



**Over 400  
design  
options**

## **Colours that stand the test of time**

You're sure to find your favourite colour among our selection of over 400 designs. You can choose different colours for the interior and exterior – for example, anthracite grey on the outside and classic white on the inside.

Whatever you choose, you can rest assured that your doors and windows will continue to look as good as new – even years down the line, as our paints and decorative designs are all colour-fast and weather-resistant.



### An integrated look

Coloured base bodies provide a consistently high-quality look. The profiles are coloured all the way through, which creates an extremely harmonious overall appearance, especially when door and window elements are open.



### A flawless aluminium look

KALEIDO COVER aluminium cover profiles provide a premium look. The surface can be painted, powder coated or anodised in over 170 RAL colours. Dark greys and metallic effects are bang on trend.



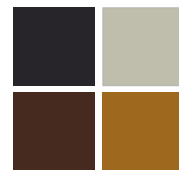
### A natural look and feel

KALEIDO WOODDEC isn't just nice to look at – it feels especially good too. You'll be amazed at how the four trendy decorative oak designs make it hard to tell the difference between plastic and wood surfaces.



### KALEIDO FOIL

Create different accents with wood, metallic and plain decorative designs.



### KALEIDO PAINT

Brilliant lacquer finish in more than 150 colours



## Living sustainability

As a globally active company, REHAU bears a special responsibility to look after people and the environment alike. As a result, we're constantly working to increase energy efficiency and save resources in all our factories and products. REHAU window profiles carrying the EcoPuls label already contain between 40% and 75% recycled material and represent this commitment to a positive environmental footprint.

**REHAU**  
**EcoPuls**

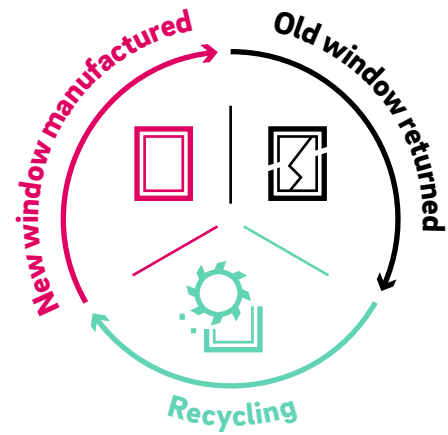
Sustainability  
Competence

### Polymers in circulation

Old windows are turned into new, sustainable window systems – while meeting exactly the same quality standards as REHAU windows made from new materials. The material is cleaned, shredded, sorted and refined. The resulting recyclate is finally re-used in the inner cores of new window profiles.

REHAU is achieving CO<sub>2</sub> savings of up to 97,000 tonnes per year through this strategy alone. That equates to the amount captured by around 7.8 million trees covering an area about the size of 137,000 football pitches.

At REHAU, we handle the complete recycling process ourselves – this is unique in the windows market.



### Excellence in sustainability

All REHAU's European window manufacturing plants have been awarded the VinylPlus independent certification for sustainable window production. From sourcing raw materials to fabrication and recycling, we meet strict criteria at every stage of the production process.





# The SYNEGO system family

A perfectly coordinated portfolio that caters for every requirement.

## SYNEGO lift and slide doors

### Technical data

Visible width of frame/sash:	179 mm (103 mm with panoramic sash)
Construction depth of frame/sash:	190 mm/80 mm
$U_f$ thermal insulation (EN 12412-2):	up to 1.3 W/(m <sup>2</sup> K)
Sound insulation $R_w$ (ISO 10140-2):	up to 43 dB
Burglar resistance (EN 1627):	up to class RC 2
Resistance to wind load (EN 12210):	up to class B3
Watertightness (EN 12208):	up to class 9A
Air permeability (EN 12207):	up to class 4







**Panoramic  
solutions  
bathed in  
light**



### **SYNEGO windows, balcony and patio doors**

#### **Technical data**

Visible width of frame/sash:	109 mm to 175 mm
Overall depth:	80 mm
$U_f$ thermal insulation (EN 12412-2):	up to 0.94 W/(m <sup>2</sup> K)
Sound insulation $R_w$ (ISO 10140-2):	up to 47 dB
Burglar resistance (EN 1627):	up to class RC 3
Resistance to wind load (EN 12210):	up to class B5
Watertightness (EN 12208):	up to class 9A
Air permeability (EN 12207):	up to class 4
Operating forces (EN 13115):	Class 1



### **SYNEGO SLIDE**

#### **Technical data**

Visible width of frame/sash:	65 mm/101 mm
Construction depth of frame/sash:	156 mm/80 mm
$U_f$ thermal insulation (EN 12412-2):	up to 1.3 W/(m <sup>2</sup> K)
Sound insulation $R_w$ (ISO 10140-2):	up to 44 dB
Burglar resistance (EN 1627):	up to class RC 2
Resistance to wind load (EN 12210):	up to class B3
Watertightness (EN 12208):	up to class 8A
Air permeability (EN 12207):	up to class 4



### **SYNEGO front doors**

#### **Technical data**

Visible width of frame/sash:	174 mm
Overall depth:	80 mm
$U_f$ thermal insulation (EN 12412-2):	up to 1.2 W/(m <sup>2</sup> K)
Sound insulation $R_w$ (ISO 10140-2):	dependent on panel used
Burglar resistance (EN 1627):	up to class RC 2
Resistance to wind load (EN 12210):	up to class B2
Watertightness (EN 12208):	up to class 4A
Air permeability (EN 12207):	up to class 2





**Fantastic views from  
your dream home.**

**Windows reinvented.  
For modern life.**

Interested in SYNEGO lift and slide doors? We'll be happy to advise you!

Subject to technical changes.

Please observe the relevant technical product information,  
which can be obtained online at [www.rehau.com/ti](http://www.rehau.com/ti).

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