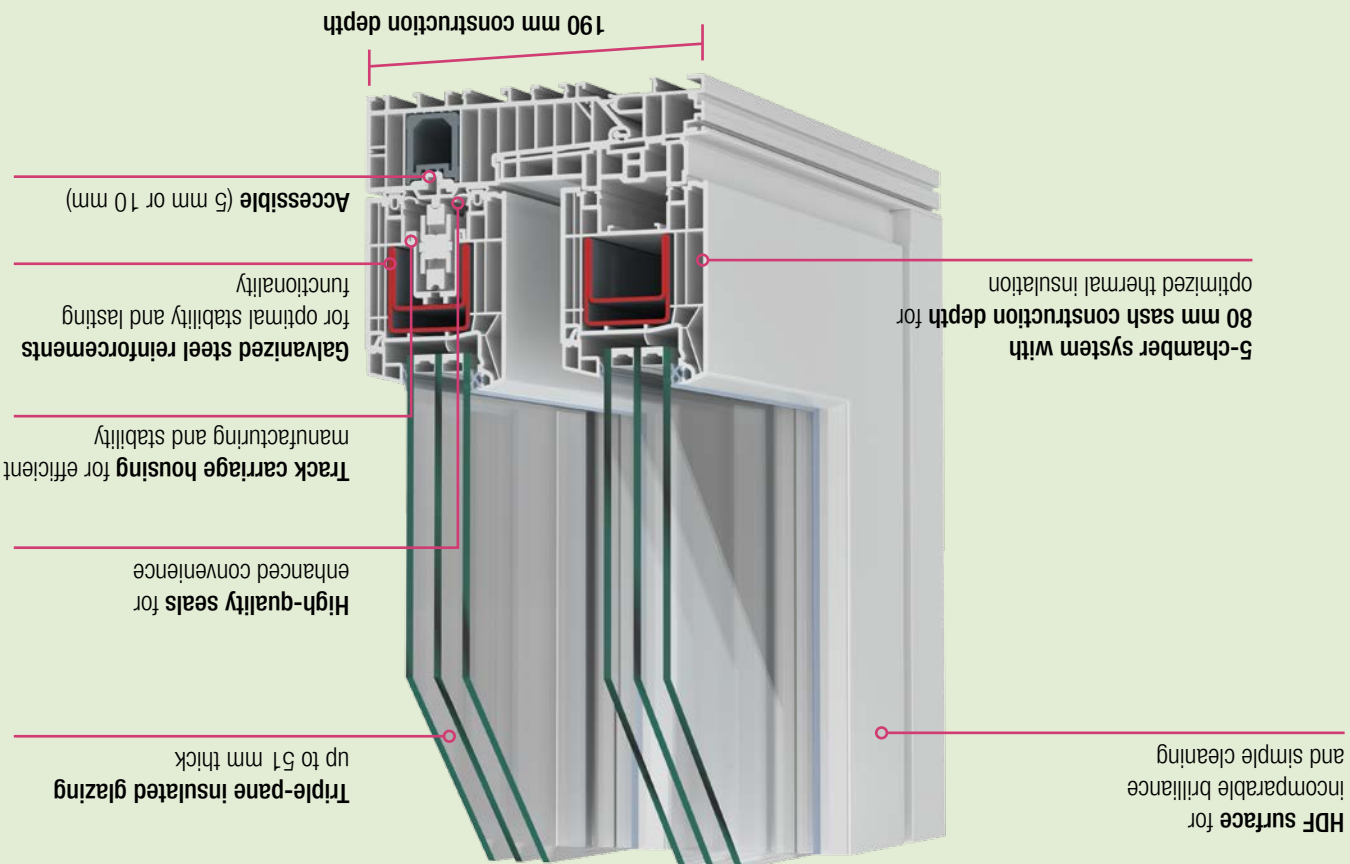


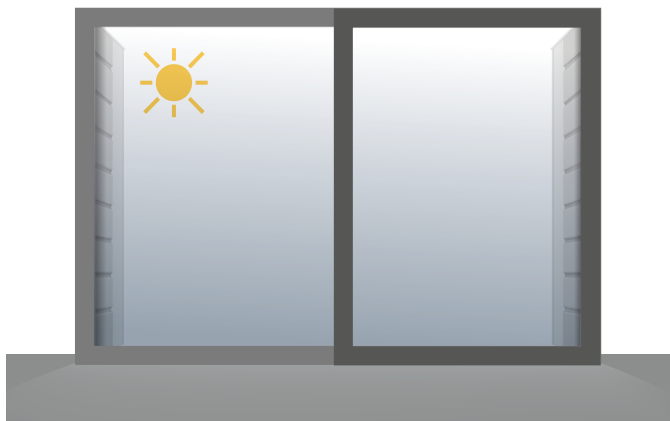


Technical data	Opening function	RAU-PVC
	Seal material	RAU-SR, RAU-PFEN (black, gray)
	Construction depth of frame / sash	190 mm / 80 mm
	Maximum window thickness	51 mm
	Profile view width of frame	63 mm
	Profile view width of sashes	101 mm / 40 mm (panoramic sashes)
	Maximum total sash weight	400 kg
	Heat transfer coefficient (U)	as low as 1.3 W/m ² K
	Wind load resistance	Up to class E6 in accordance with DIN EN 12210
	Rain tightness	Up to class 9A in accordance with DIN EN 12208
	Air permeability	Class 4 in accordance with DIN EN 12207
	Mechanical durability	Class 2 in accordance with DIN EN 12400
	Noise insulation	R _p up to 43 dB
	Break-in protection	Up to RC 2 according to DIN EN 1627
	Surface finishing	Laminator with wood or aluminum decors as well as stain-colored foils, profile coating, aluminum wall facing, anodized or powder-coated

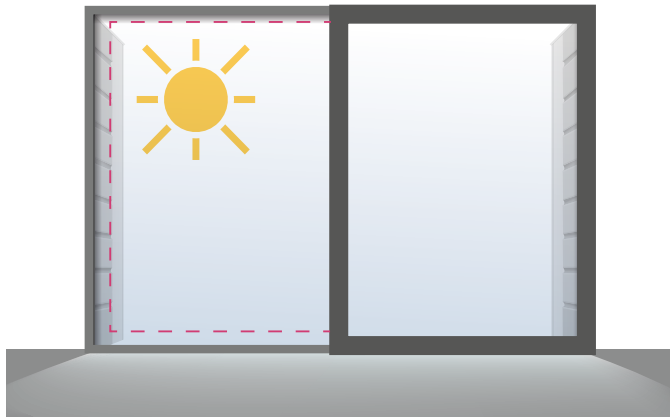


More light in each façade opening

SYNEGO lift and slide doors are available for all common opening scenarios. They offer exceptional stability, are lightweight, simple to operate and easy to slide. And the extra slim frames of the panorama version also maximize the amount of sunlight.



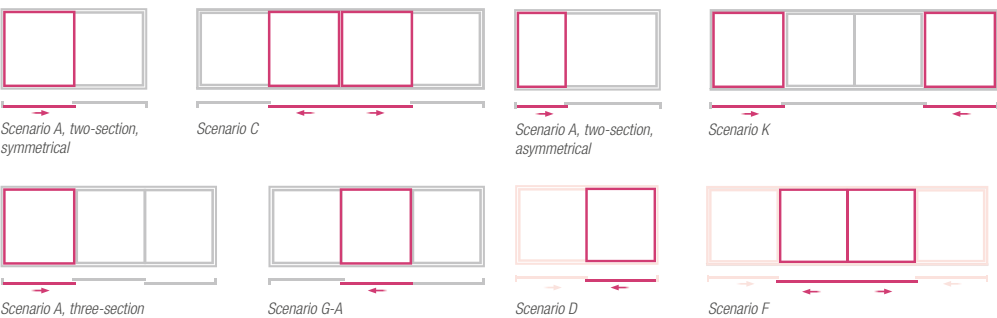
Standard version



Panoramic version

Bright, sunlit rooms – with an element width of up to 10 m!

Opening scenarios



Benefit from our wide range of options. With a maximum **element width** of **10 meters** and an **opening height** of **up to 2.7 meters**, you have a huge range of design options at your disposal. SYNEGO lift and slide doors offer passage widths of **5 meters** – so nothing will stand in the way of making your ideas a reality.

ROOM WITH AN EXCEPTIONAL VIEW
A delightful ambiance with a panoramic view



Do you love an unobstructed view out into nature?
Are you a sun-worshipper who doesn't want to do without at home?
Then SYNEGO lift/slide doors can offer you a whole new set of options.

Enjoy the unique panoramic effect and convert your home into a sun-kissed oasis of domestic bliss.

Optional extras – for even greater convenience*

SYNEGO lift and slide doors deliver maximum convenience – just how you like it. Choose from various features and configure your own personal favorite model.

- Special technology makes opening a breeze
- Electric motor for effortless lifting and sliding
- Soft-close damping system for a smooth glide into the locked position and optimal safety
- Special sill options for accessible entry

* Optional custom configuration to your precise specifications.

Design variety with KALEIDO COLOR

The REHAU color spectrum

With 220 bold colors to choose from, you're sure to find just the perfect window for every situation. Your building can have a completely custom design, giving your home a one-of-a-kind tone.

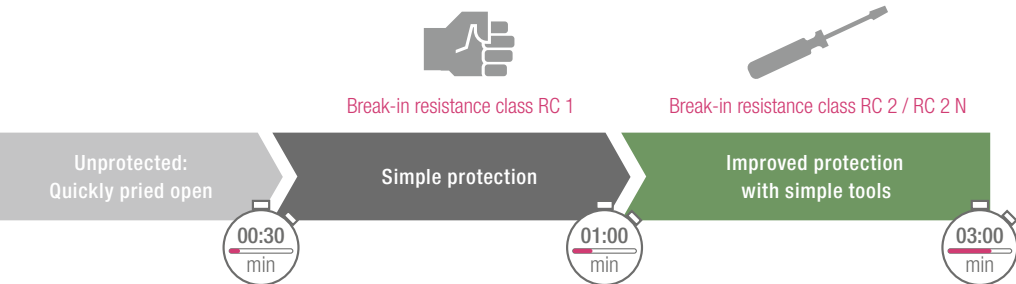
And no matter what you choose, you can be sure that, years later, your windows will look as they did on the first day. Because KALEIDO COLOR retains its color and is weather-resistant.



* KALEIDO COLOR is available in KALEIDO PAINT (coating), KALEIDO FOIL (lamination) and KALEIDO COVER (aluminum wall facing).

6-fold break-in protection for much greater security

80 % of all break-ins are through easily accessible windows and doors. In more than a third of cases, enhanced security technology thwarts the attempt. Protect your home with more secure windows and doors. Burglars quickly move on to other targets if a window cannot be pried open within a few seconds. The lift and slide door can be upgraded to resistance class RC2 in accordance with EN 1627.

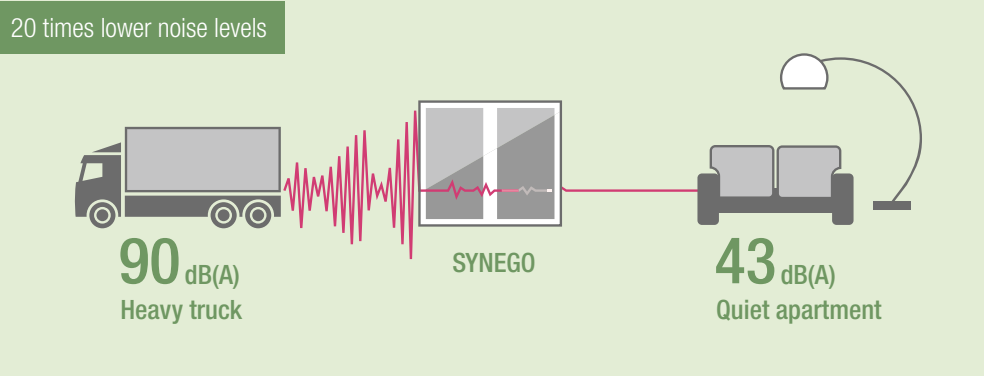


Efficient thermal insulation: Save heating costs with SYNEGO

SYNEGO lift and slide doors offer pure savings: The outstanding thermal insulation properties with a heat transfer coefficient (U) as low as 1.3 W/m²K will lower your energy consumption from day one.

20-fold noise protection – more sound sleep and greater peace and quiet

You're surround by loud noises every day: One minute it's the irritating din of traffic, and the next it's the grating sound of the neighbor's lawnmower. With SYNEGO lift and slide doors, you can simply shut the noise out and turn your home into a true oasis of tranquility – while enjoying efficient thermal insulation at the same time. The noise protection features achieve up to a 20-fold reduction in noise levels.



noise increase of 10 dB – doubling of the subjectively perceived volume level (L_{RA}).
Source: www.hug-technik.com/inf/halt/ta/schalpaegel_tairmpaegel.html

Much easier to care for: high-definition finishing (HDF)

The HDF surfaces of the SYNEGO lift and slide doors are premium quality, exceptionally smooth and non-porous. This means that they collect less dirt and can be cleaned effortlessly with water, a touch of cleaning agent and a soft rag.

