

Schüco FocusIng

Sustainable PVC-U windows
for modernisation projects and newbuilds



SCHÜCO

Schüco FocusIng



Innovative. Linear. Sustainable.

When renovating windows, the focus is often on ensuring a harmonious overall appearance of the existing building. In addition, current standards in terms of thermal insulation, comfort, safety and security need to be met. Windows from the versatile Schüco FocusIng PVC-U system provide the ideal solution for this.



Renovation

The Schüco PVC-U series with a basic depth of 70 or 76 mm has been developed specifically for use in modernisation projects, but is also perfect for modern newbuilds thanks to its clean, linear design and excellent performance characteristics. With a choice of two or three circumferential gasket levels, individual requirements for thermal insulation, sound insulation and weather resistance can be met. PVC-U windows from the Schüco FocusIng series offer impressive benefits, especially for resource-saving, sustainable building architecture.



Newbuild

Schüco FocusIng is produced using a sustainable PVC-U formulation that makes optimum use of resources*, with a recycled material content of up to 50 percent. This consists of either end-of-life PVC – in other words, materials from old windows that used to be installed in buildings and have been recycled – or of production offcuts from the manufacture of PVC-U profiles and windows. With our consistent sustainability concept, we provide you with specific support to reduce the carbon footprint of your home and actively contribute towards a true circular economy.



Schüco FocusIng has been awarded the Vinyl verified label. The VinylPlus® product label is the sustainability seal for PVC construction products. This makes it easy for clients to identify products that feature high performance and sustainability.

* The formulation that makes optimum use of resources only contains ingredients that are necessary for the quality of the material and refrains from the use of colour pigments, for example, in order to save valuable raw materials.

SCHÜCO FOCUSING

Focus on design





300+

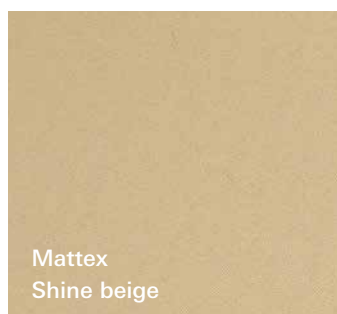
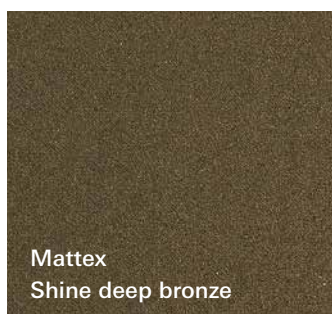
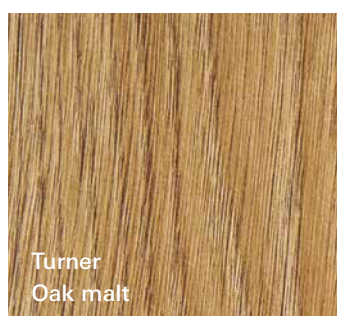
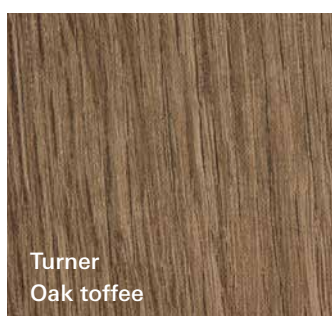
Thanks to its minimalist and linear appearance and a wide range of design options, Schüco FocusIng blends perfectly into any façade. Whether as a colourful accent for an eye-catching aesthetic or a harmonious tone-on-tone look to match other building units – the choice is yours!

With a broad palette of over 300 foils to design the surface finish, Schüco FocusIng window units enable virtually any design

requirement to be met. Windows therefore not only shape the façade, they also influence the atmosphere of the interior. You can choose different surface colours for the inside and outside of your Schüco FocusIng window frames, so that you can have different colour accents inside and outside, to match your personal style.

SELECTED by Schüco

The latest on-trend foils from the Schüco Selected-Edition promise a very special look. They not only impress with their high-quality surface appearance, but also with their unparalleled feel.



PERFECTLY COORDINATED DESIGN



For a uniform appearance, handles with a high-quality, minimalist design are available that match Schüco FocusIng – with or without a key and optional integrated child lock as required. The high-quality Schüco handles feature an impressive combination of an attractive appearance, security, safety and functionality.



In keeping with the architectural trend for different shades of grey, Schüco FocusIng is also available made from grey PVC-U. This ensures a harmonious look, particularly when the window is open.



Let Schüco FocusIng solutions inspire you.
Take the 360°
home tour here!
www.schueco-homes.com

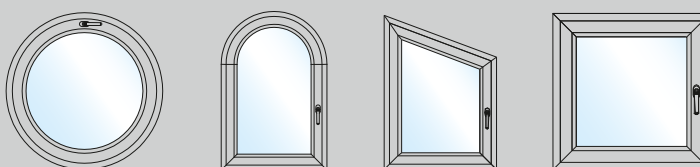


IMPRESSIVE VARIETY

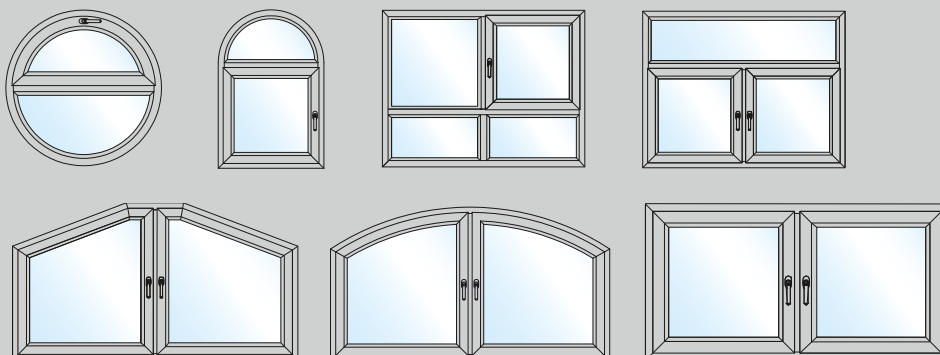
Schüco FocusIng makes it easy for you to incorporate your own style into your living space. In addition to a wide range of shapes, unit types and opening options, there is also a large selection of glazing bars, glazing beads and other stylistic elements available. Developed as a modular window system, its clean language of form and subtle design mean it can be combined with a wide variety of Schüco window, door and sliding door solutions – made from PVC-U and aluminium.



Single-part windows and window doors



Multi-part windows and window doors



Portrait, rectangular windows without glazing bars emphasise the natural light penetration.



Horizontally arranged glazing bars highlight the horizontal lines and create an impression of greater width.



With vertical glazing bar divisions, you can achieve a delicate structuring of the window areas for an elegant look.

Individual appearance
thanks to coordinated
stylistic elements

SCHÜCO FOCUSING

Focus on sustainability



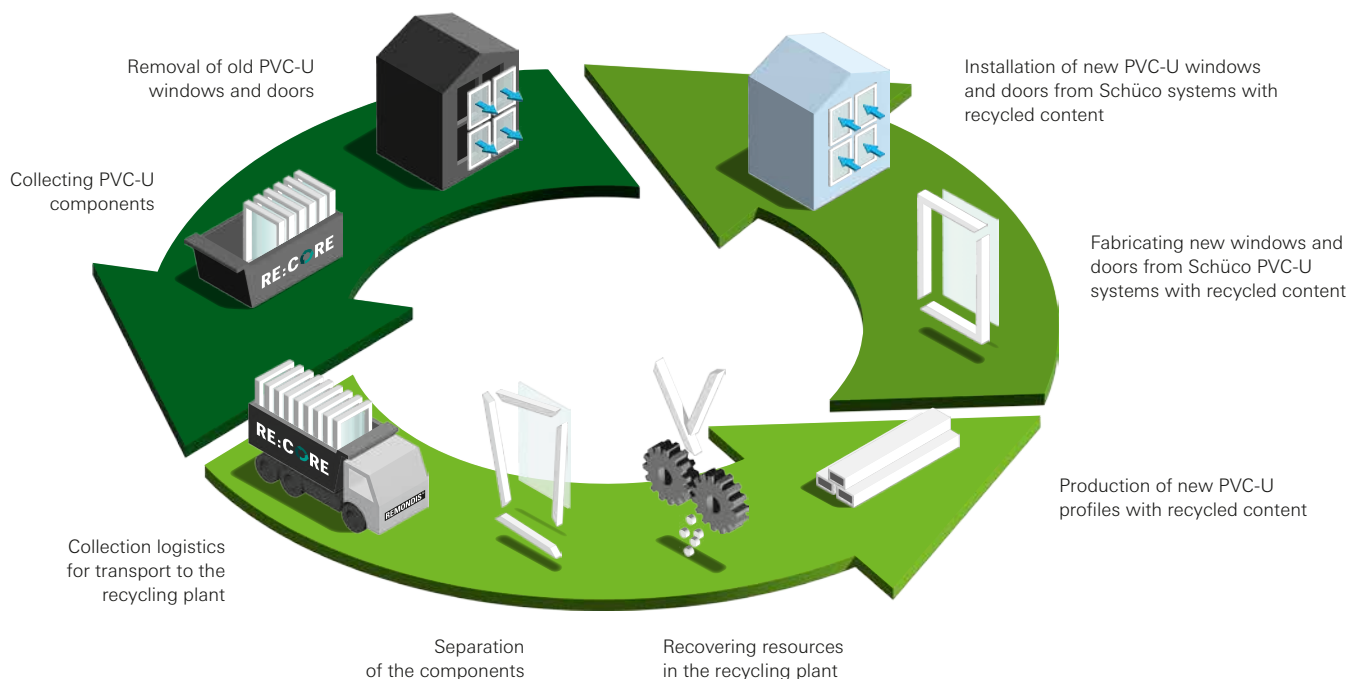
With up to 50 percent recycled content, the inner core of Schüco FocusIng is made from PVC that has reached the end of its service life and has been fed back into the material cycle. This environmentally friendly material has already completed its lifecycle in a window unit and is now perfect for use in the manufacture of new PVC-U windows. Alternatively, we use valuable recycled material from production surpluses from the production of PVC-U profiles and windows. The outer layer of the window system consists of calcium/zinc-stabilised primary PVC.

In the event that Schüco FocusIng windows do reach the end of their useful life, the materials they are made from can be recycled. Our aim is to re-use all materials. So far, we have achieved maximum efficiency through high thermal insulation standards, enabling Schüco FocusIng windows to become true energy savers. This not only reduces heating and air conditioning costs, it also creates a pleasant indoor climate.

7x

PVC can be recycled up to seven times with no loss of quality or material properties. In addition, recycling PVC from old window materials consumes only 20% of the energy required to produce primary PVC from fossil raw materials. With Schüco PVC-U windows lasting an average of 40 years or more, Schüco FocusIng windows provide a source of raw materials for the windows of future generations by feeding them back into the material cycle.

SCHÜCO MATERIAL CYCLE



x2

SUSTAINABLE WINDOW MATERIALS

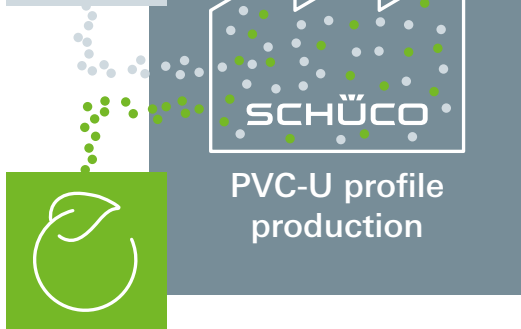
In addition to the use of material* which makes optimum use of resources or sustainable recycled material in the inner core of Schüco FocusIn^g window frames, you can enhance this further with bio-attributed PVC for an even greater reduction in the carbon footprint of your new windows. Just ask your Schüco partner!

**What is bio-attributed PVC?**

In PVC production, crude oil is replaced with tall oil, which is a by-product of paper production. Tall oil is a renewable non-fossil raw material made from pine trees, which does not compete with the food chain. Compared to primary PVC made from crude oil, up to 90 percent** CO₂ is saved in the manufacturing process with PVC made from tall oil. Every order of this material grade comes with a certificate documenting the bio-attributed PVC content and the corresponding CO₂ saving. The process is RSB and ISCC PLUS certified, which means the raw material can be traced back through the entire supply chain from the paper producer through to our own production plant in Weißenfels, with annual auditing by external certification bodies.

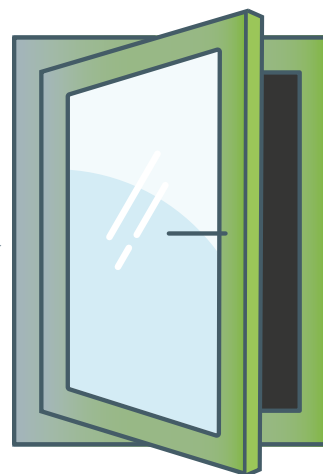
** Compared with the manufacturing process of primary PVC by the same producer.

Primary PVC from
fossil raw materials



Bio-attributed PVC made from
renewable raw materials

Certified mass balance



Windows with frames made
from bio-attributed PVC

* The formulation that makes optimum use of resources only contains ingredients that are necessary for the quality of the material and refrains from the use of colour pigments, for example, in order to save valuable raw materials.

CONSERVE RESOURCES AND REDUCE CARBON EMISSIONS SUSTAINABLY

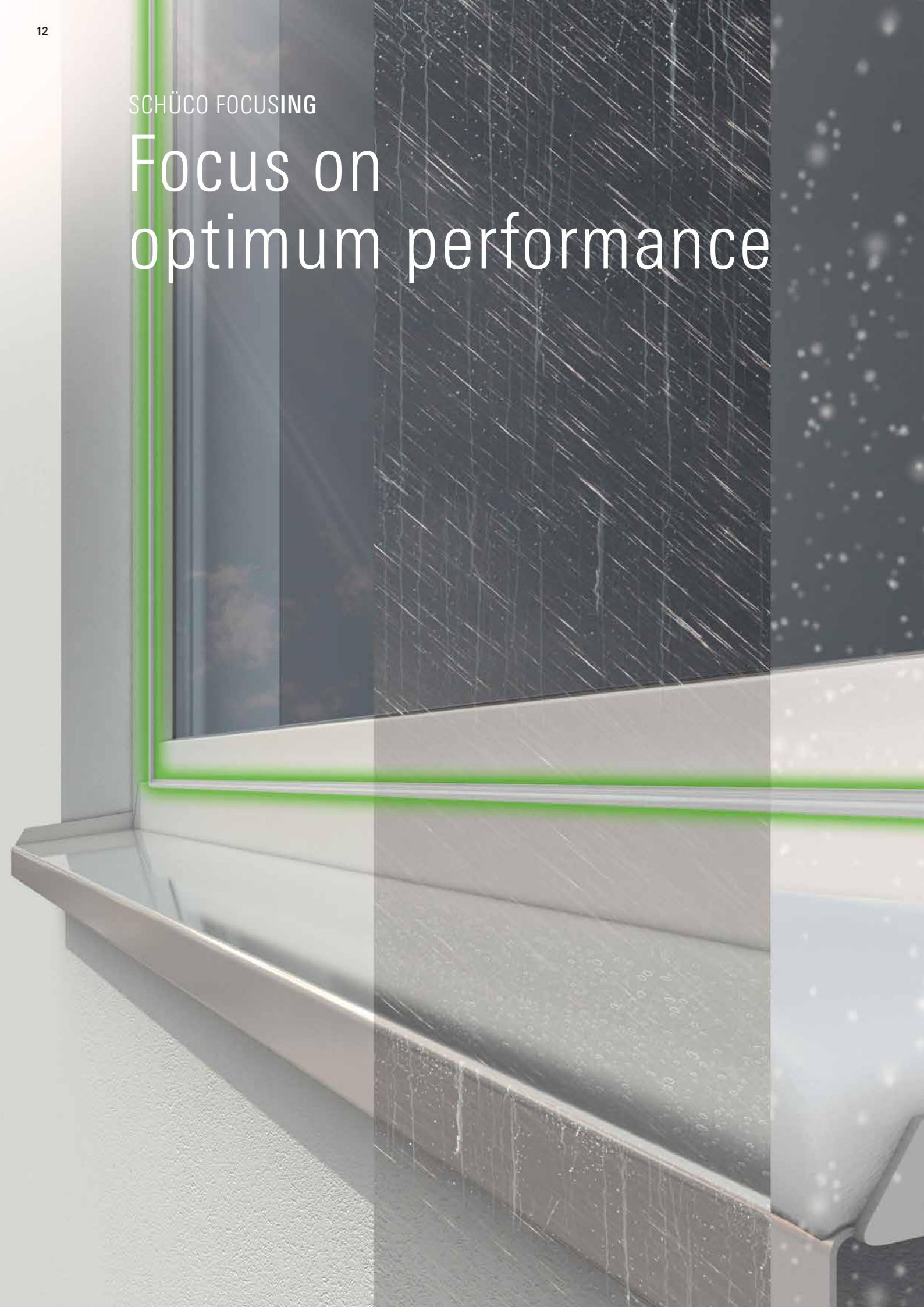
With PVC-U window units from the Schüco FocusIng series, you can meet the requirements of the following building certifications:         This enables you to increase the value of your property and maintain it for the long term.



Make the world a
little bit better with
your new Schüco
windows.

SCHÜCO FOCUSING

Focus on optimum performance



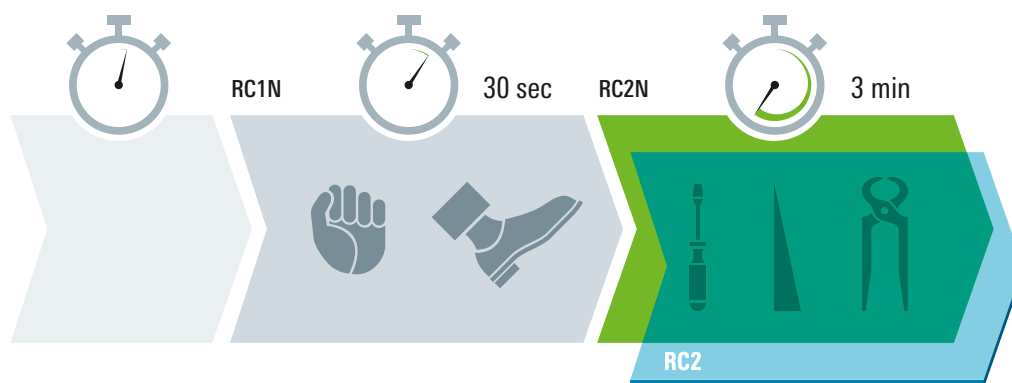
SCHÜCO PROTECTS



SHUT OUT DANGER

Whether you are out and about or at home, Schüco FocusIng windows make life hard for burglars and give you peace of mind. For us, security has the highest priority and is a basic requirement for all of our products. Schüco FocusIng windows can protect against break-ins with a modular, freely configurable construction that enables your home to be adapted to your own personal security requirements. With innovative security technology that you can't necessarily see but can always feel, you have the best protection day and night.

Trust in the security of Schüco FocusIng windows for your home. In addition to the high level of resistance provided by the material PVC-U, windows from the Schüco FocusIng PVC-U system offer modern fittings technology with mushroom head locking points and steel fittings that make it virtually impossible for your windows to be levered out. It is also highly unlikely that the fittings can be drilled out of toughened steel. You can therefore rest assured and feel safe and secure at all times.



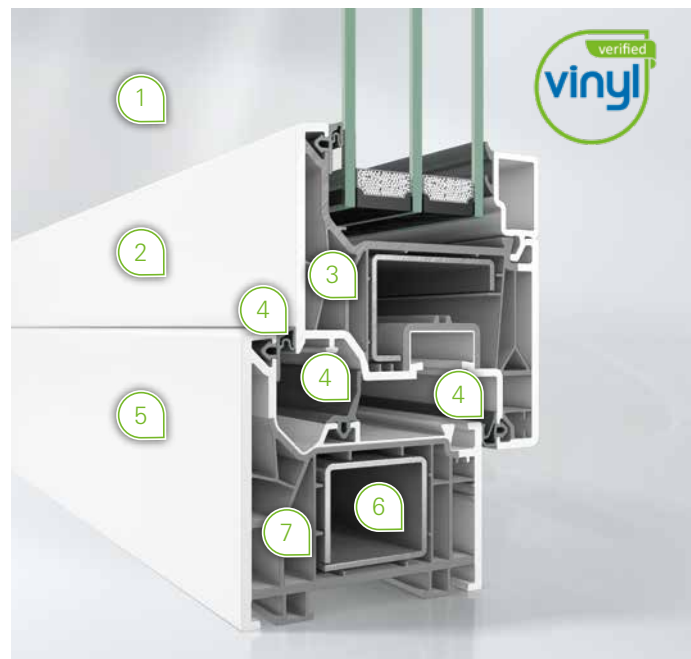
BURGLAR RESISTANCE TO SUIT YOUR REQUIREMENTS

The resistance class (RC), which is defined by European standards, tells you how effectively a window protects against break-in attempts. The legally standardised resistance classes set out how long windows or doors are able to withstand forced entry attempts using various tools. If a break-in attempt lasts

longer than a minute, many burglars give up out of fear of being discovered. Therefore, the higher the resistance class, the better the protection against break-ins.

SAVE VALUABLE ENERGY

Insufficiently insulated windows can lead to costly energy being lost. By installing Schüco FocusIng windows, you benefit from heating cost savings as well as the peace of mind that you are protecting the environment with a sustainably produced product. The clever frame construction significantly reduces energy losses, while the outstanding thermal insulation properties of the high-quality PVC-U windows keep the heat in and the cold out. This saves energy, creates a warm and cosy environment and increases the value of your property.



- 1 Individual glazing options for insulating glass and special function glazing with a thickness of between 10 mm and 54 mm.
- 2 With a clean, linear language of design and minimal overlaps, Schüco FocusIng window units blend in perfectly with every façade.
- 3 Inner cores with up to 50 percent sustainable recycled material reduce the carbon footprint of your windows.
- 4 Two or three gaskets provide reliable protection against wind, rain and noise.
- 5 Slim face widths of the frame for maximum light penetration and high solar energy gains.
- 6 Maximum stability thanks to integrated steel profiles.
- 7 5/6-chamber construction with outstanding thermal insulation properties for U_f values up to $1.0 \text{ W/(m}^2\text{K)}$ with centre gasket and U_f values up to $1.1 \text{ W/(m}^2\text{K)}$ with rebate gasket.



Infra-red photos – thermal imaging – clearly show where energy is lost from a house. Red indicates heat and hence high energy loss.

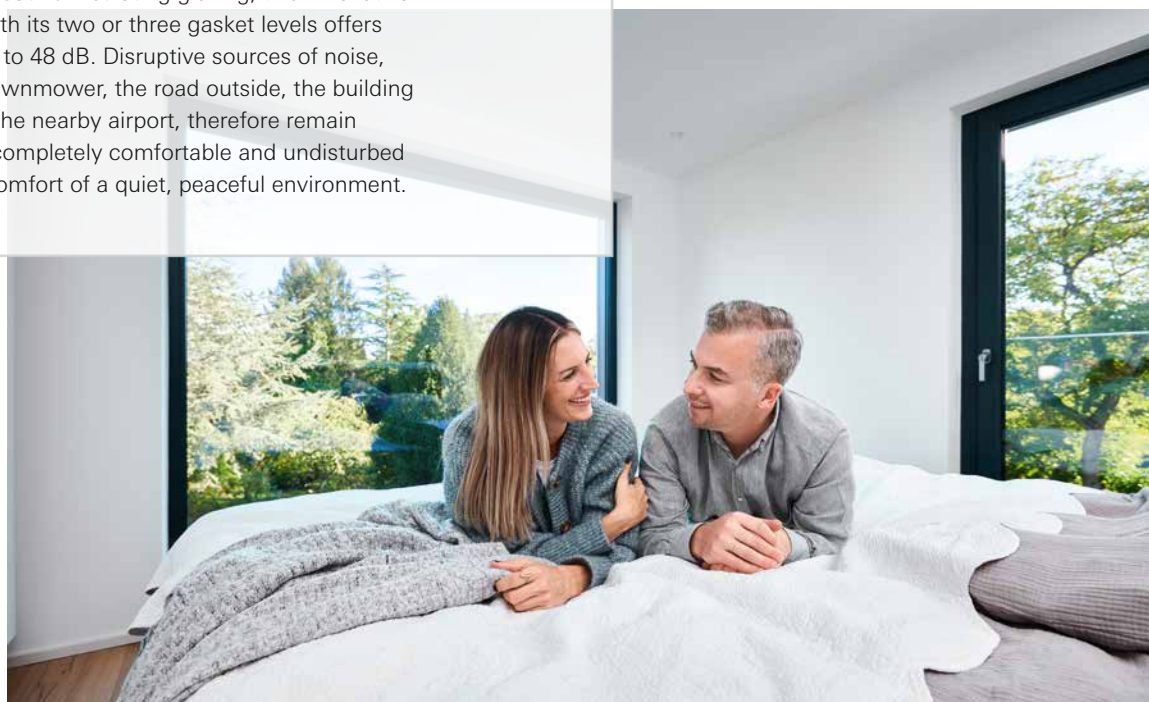


Thermal imaging shows the major energy benefits of investing in carefully installed new windows from the Schüco FocusIng window system. Almost all of the original energy losses are completely avoided.

FEEL COMFORTABLE WITHIN YOUR OWN FOUR WALLS

Experience peace and quiet in your home with Schüco FocusIng windows. Combined with sound-insulating glazing, this innovative PVC-U window system with its two or three gasket levels offers excellent sound reduction to 48 dB. Disruptive sources of noise, such as the neighbour's lawnmower, the road outside, the building site around the corner or the nearby airport, therefore remain outside and you can feel completely comfortable and undisturbed in your home. Enjoy the comfort of a quiet, peaceful environment.

48 dB



AND BREATHE – WITH SELF-VENTILATING SCHÜCO FOCUSING WINDOWS

Do away with stuffy rooms, poor air quality and mould growth due to insufficient ventilation. Our tailored ventilation units Schüco VentoAir, Schüco VentoAir+ and Schüco VentoTherm Twist offer the perfect solution for the effective ventilation of your rooms. Concealed window rebate ventilators like Schüco VentoAir and Schüco VentoAir+ are self-regulating and ensure adequate room ventilation, while the electric ventilation system Schüco VentoTherm Twist provides continuous air exchange with heat recovery and an integrated pollen filter – so you never have to suffer draughts and disturbances caused by noise and insects again. With Schüco FocusIng, **your closed windows ventilate by themselves.**



Schüco VentoAir



Schüco VentoAir+



Schüco VentoTherm Twist (in collaboration with Renson®)

SCHÜCO FOCUSING

Focus on quality



There are many good reasons to choose Schüco FocusIng PVC-U windows – one of which is the premium quality of Schüco systems. All of our PVC-U systems are developed and produced in Germany at the Weißenfels site to Schüco quality standards. The PVC-U used meets the highest requirements, is environmentally friendly, fade, weather and impact-resistant, and extremely resistant to deformation even at higher temperatures. Fittings and handles are sealed against corrosion. This means the level of maintenance required and hence the follow-up costs for servicing Schüco FocusIng window units are reduced to a minimum. For us, quality means durability. The longer our products are in use, the better their ecological footprint – which makes them a good investment from an economical point of view too.

Opt for Schüco FocusIng windows and choose the best quality for your home. With this window series, you can rest assured that you have chosen particularly high-performance, durable windows that will increase the value of your property for decades to come, irrespective of whether it is a modernisation project or a newbuild.



Schüco FocusIng



Key benefits



Top quality –
engineered and
made in Germany



Sustainable product,
integrated into the
material cycle



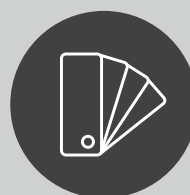
Use in modernisation
projects and
newbuilds



Durable product, which
contributes to increasing
the value of the building



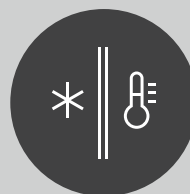
A range of window
and window door
units can be
constructed



High degree of
design flexibility
with over 300
surface finishes



Maximum security
thanks to burglar
resistance to RC 2



Excellent thermal
insulation with a
 U_f value up to 1.0 W/(m²K)



Effective noise
protection thanks
to sound reduction
to 48 dB



Barrier-free level
threshold for
balcony and patio
doors



Schüco FocusIng

Sustainable PVC-U windows – from your Schüco partner

Expect the best from us. In consultancy, planning and construction. We will gladly help you to select the perfect windows for your home and provide you with expert advice for all queries relating to:

- Surface finish and colour selection
- Safety and security features
- Thermal insulation
- Accessories

Visit us at one of our showrooms. We would be delighted to show you our reference projects and talk to you in detail about the work we do.

Schüco – System solutions for windows, doors and façades

Based in Bielefeld, the Schüco Group develops and sells system solutions for the building envelope made from aluminium, steel and PVC-U. The product range includes window, door, façade, ventilation, security and sun shading systems as well as smart and networked solutions for residential and commercial projects. Schüco also offers consultation and digital solutions for all phases of a building project – from the initial idea, design, fabrication and installation all the way through to the after-sales service including maintenance and servicing. Fabrication machinery and excellent customer service complement the product range. As a leading company in the construction industry, Schüco is committed to being a pioneer in holistic sustainability and using its products and services to make an active contribution towards achieving climate neutrality and a circular economy in the building trade. Founded in 1951, Schüco is now active in more than 80 countries and achieved a turnover of 2.11 billion euros in 2023 with 6750 employees. For more information, visit www.schueco.com

Schüco Polymer Technologies KG

www.schueco.com

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