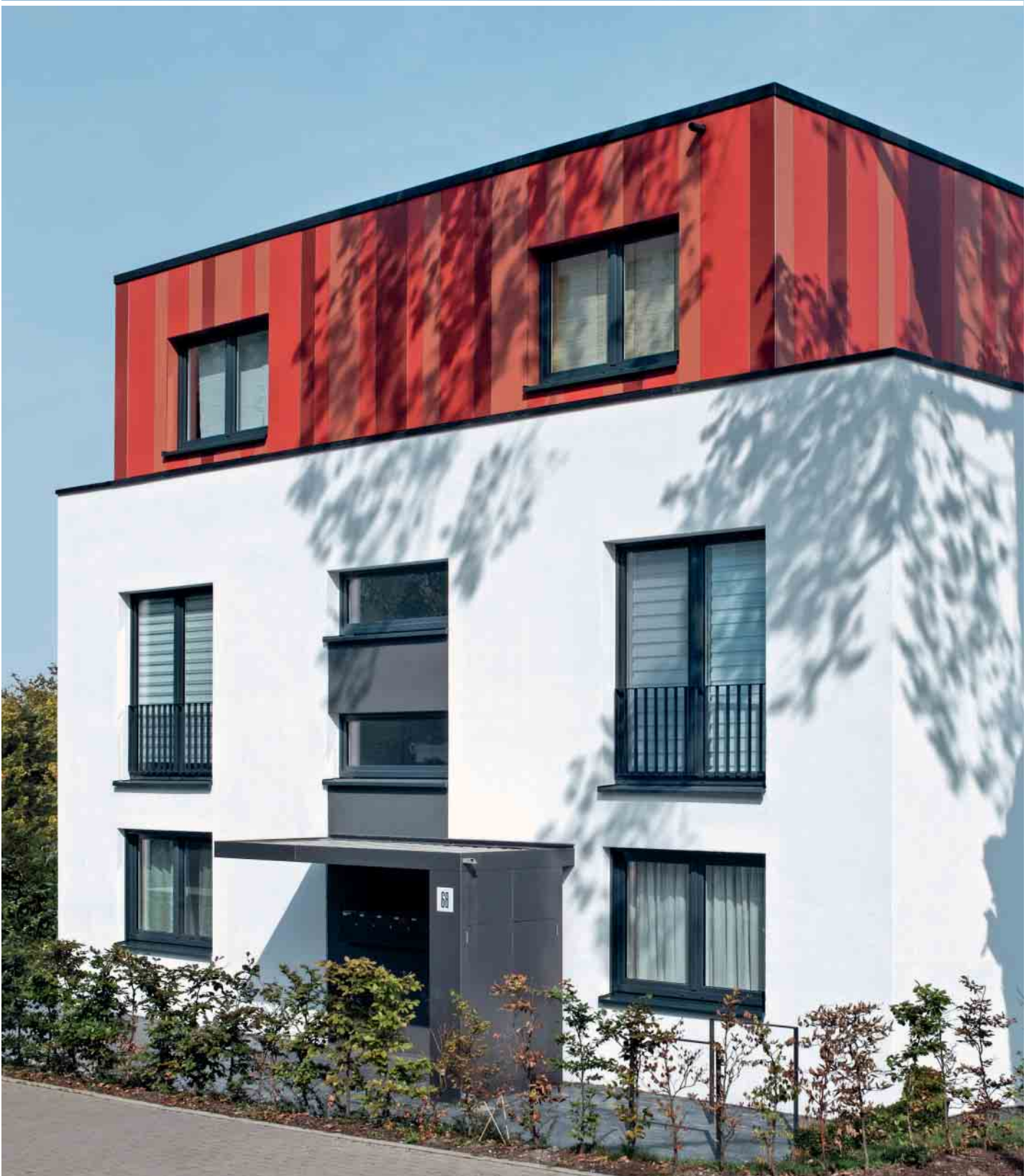


The Schüco CT 70 range

The basis for good windows





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Style and function to last a lifetime

Windows flood living spaces with light, ensure a clear view and provide protection from the weather and environment. With their timeless design and intelligent technology, Schüco PVC-U window systems create visual accents, whilst excellent thermal insulation saves on energy costs, increasing the value of your home and also conserving the environment.

Schüco CT 70: Energy saving made easy

Today, conserving energy is a topic that concerns us all, not just because of the burden of rising home heating costs, but also because growing energy consumption is leading to increasing emissions of environmentally harmful carbon dioxide (CO₂). By significantly reducing energy consumption, Schüco CT 70 window systems benefit the environment and save you money.





You can see why from the profile cross-section:

The multi-chamber frame construction with five chambers and a frame depth of 70 mm (2 ¾") creates the foundation for excellent thermal insulation. In conjunction with the continuous rebate gaskets and thermal insulation glazing, it produces excellent thermal insulation values.

The excellent thermal insulation properties make Schüco CT 70 windows the best choice for comfort, as even in the harshest winter, the temperature of the frame on the inside never falls noticeably below the temperature of the room. Draughts and condensation are therefore effectively and permanently avoided. Although virtually no heat energy is lost via the glass either, the window area still lets through valuable warmth from the sun.



Schüco CT 70 Classic and Rondo window profiles: the basis for good windows

Attractive design

You can choose between two profile shapes **1** to tailor the inside and outside of your new windows to the character of your home. Silver-grey gaskets **2** and a deep glass edge cover **3** visually complement the slim face widths of Schüco CT 70 Classic or Rondo.

Highly thermally insulated

The innovative technology with 5 thermal insulation cavities **4** and a frame depth of 70 mm (2 ¾") ensure excellent thermal insulation. Two continuous gaskets **5** and the deep insertion of the glazing also reduce energy consumption. Superior insulating glass **6** minimizes thermal transmittance without compromising transparency.

High comfort levels

The gasket system with two continuous gaskets **5** and the special properties of the insulating glass offer superior protection against noise, wind and rain. Special glazing for enhanced sound insulation is readily available **6**.

Durable and environmentally friendly

The strong, corrosion-protected **7** steel profiles in the window frame and vents ensure stability, reliability and longevity. The low energy consumption with modest CO₂ emissions and full recyclability significantly reduce the impact on the environment.

Easy to clean

Smooth, weatherproof surfaces **8** ensure your windows look like new for years to come with minimal cleaning.



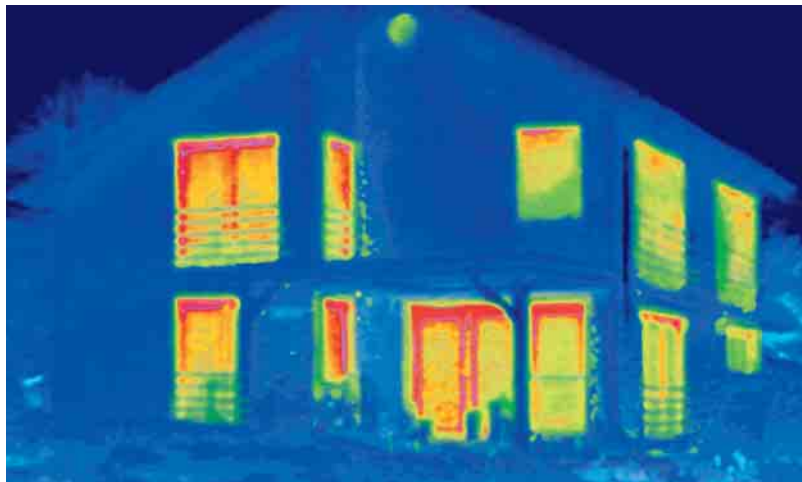
Schüco CT 70 Classic

The classic vent geometry with its clean, unostentatious and timeless lines fulfills the requirements of modern architecture with its stripped-down shape.

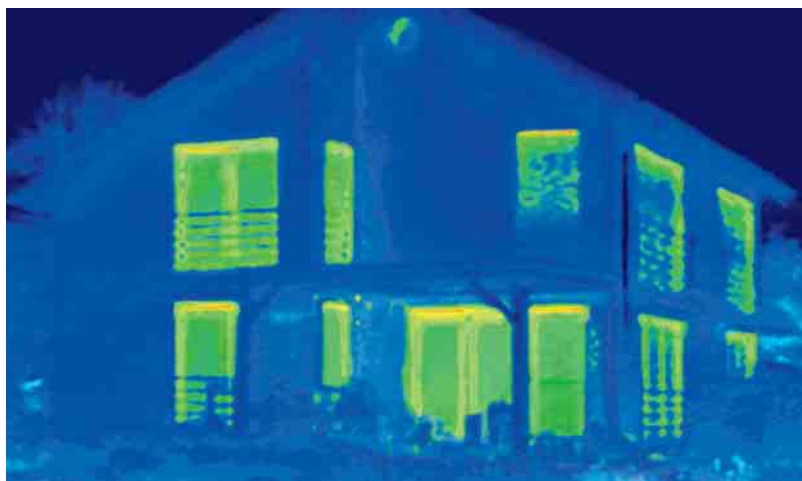


Schüco CT 70 Rondo
The soft, rounded lines of the Rondo window vent make the face widths of the already narrow profile contours even more slimline. Its curves increase the self-cleaning ability of the profiles and reduce the cleaning cycles.

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



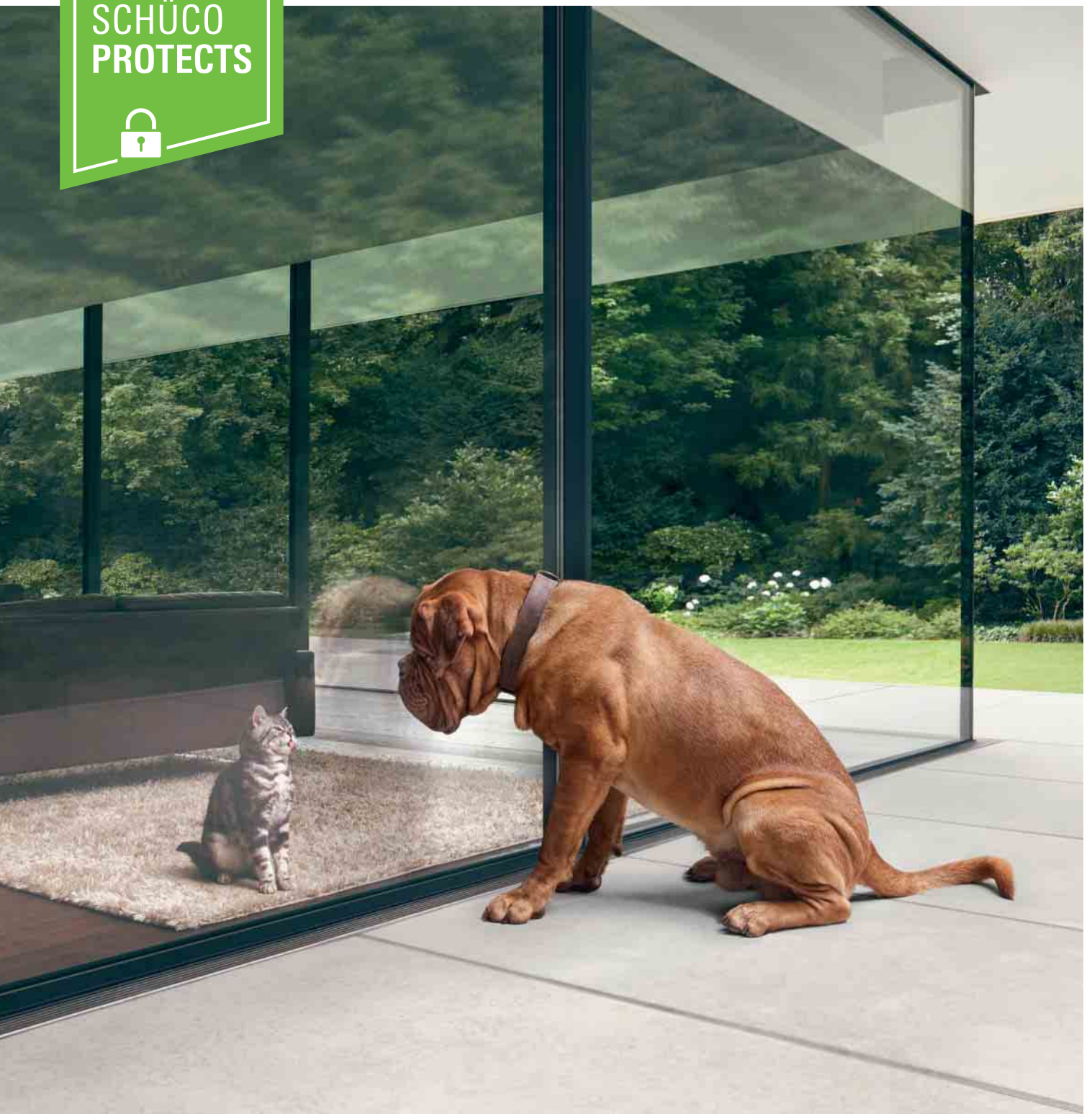
The thermal imaging shows the major energy benefits of investing in carefully installed new Schüco CT 70 windows. Almost all of the original energy losses are avoided.



Schüco CT 70: The feeling of security

To feel safe and secure at home at all times, it is worth investing in your own security. Schüco CT 70 windows are available with state-of-the-art locking systems and fittings options to adapt your home to your personal security needs.

**SCHÜCO
PROTECTS**

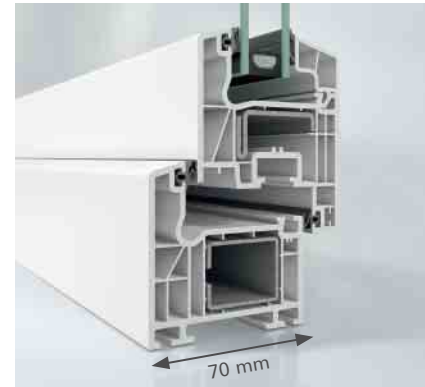




The latest lock technology makes life more difficult for burglars and makes your home more secure.



Lockable handles allow the vent to be closed securely.



High levels of basic security: the basic depth of 70 mm (2 ¾") and well-concealed fittings position the locking units out of reach for burglars.

Few things compare to coming home and opening the door to your own completely private world, or going out again and shutting the door behind you, safe in the knowledge that nothing can go wrong. But unfortunately, this is not always the case. Break-ins involving the theft of valuable items and destruction of property are on the increase. The most common point of entry is a window or patio door.

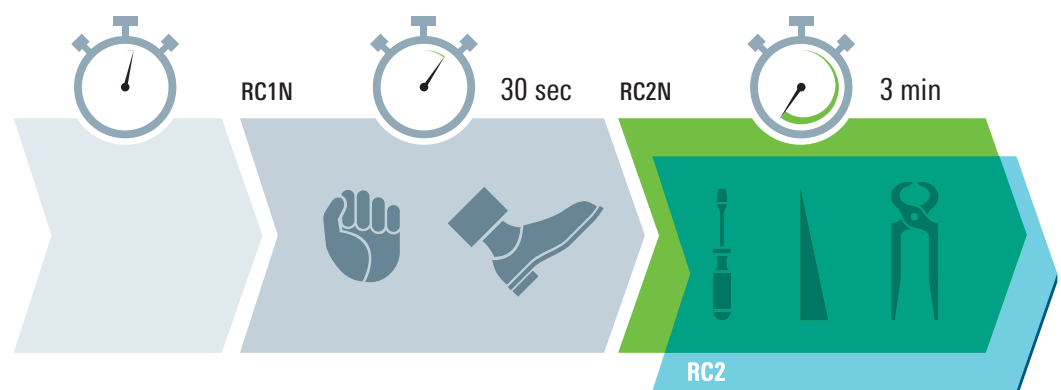
Increased basic depths and state-of-the-art fittings technology with mushroom head locking points and steel fittings make it practically impossible for your windows to be lifted out.

And on another note:

Take a look at the strong steel profiles in the outer and vent frames. They ensure that the windows are extremely stable and durable. All of the fittings are anchored securely and permanently in the steel reinforcement on all sides. This also enhances your security and the value of your windows.

Resistance classes

The legally standardized resistance classes provide an indication of how long windows or doors withstand an attempt to force entry using various tools. If a break-in takes longer than a minute, many perpetrators abandon their attempts through fear of being discovered. The rule here is: the higher the resistance class, the greater the burglar resistance.



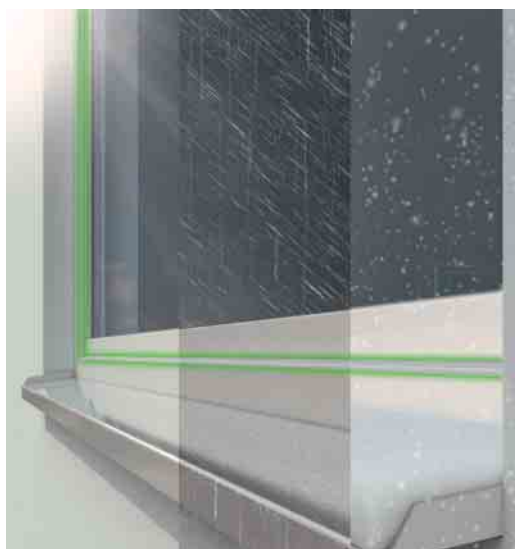
Without additional protection, burglars will have an easy job.

Basic security offers effective protection against break-in attempts.

Increased protection against break-in attempts using a basic tool. With additional safety glass, security class RC2 is reached.

Schüco CT 70: Enjoy contemporary comfort

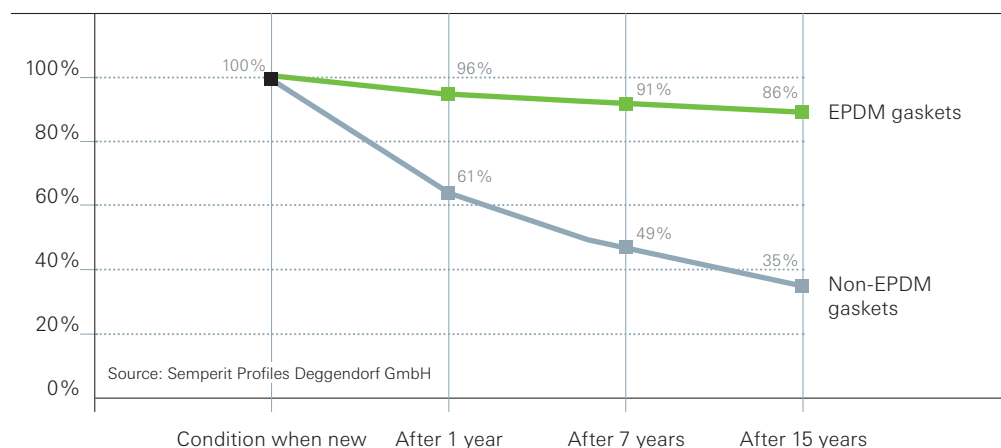
These days, modern PVC-U windows have a service life of 30 years or more. So it's good when all the individual components, such as the window gaskets, last just as long. After all, these contribute massively to ensuring the window remains functional. With Schüco CT 70 windows, you get the highest quality down to the very last detail – for instance, superior EPDM gaskets are integrated. EPDM is a top-class sealing material and its excellent material properties mean it is used in many fields, such as medicine, the aerospace industry and the automotive industry.



Top-quality to the last detail

High requirements in terms of weathertightness, lasting functionality and weather protection are also placed on window constructions. EPDM rubber has established itself as the best material over the last 50 years. EPDM gaskets have excellent recovery properties*, ensuring the best weathertightness for windows which will last over their entire service life. There is therefore no need for time-consuming, expensive gasket replacements. For you, there is one key benefit: an extremely comfortable living environment with peace of mind.

Comparing the recovery properties* of Schüco EPDM gaskets with those of non-EPDM gaskets clearly shows that the high-quality material of the EPDM gaskets retains its high sealing effect and therefore protects against draughts, moisture, cold and noise. The elasticity of the non-EPDM gasket drastically deteriorates even within the first few years and becomes brittle. After around 7 years, the sealing effect is only around 50%.



*How a gasket behaves under recurrent compression, e.g. opening and closing the window. The optimum scenario is if the gasket recovers to its original shape, as this alone guarantees a lasting sealing effect.



With Schüco CT 70 windows, your home remains protected for decades against draughts, moisture, cold and noise. Cozy up and enjoy your home in comfort.

Enjoy some peace and quiet

Schüco CT 70 windows ensure that irritating noise stays outside. The PVC-U window system and innovative EPDM sealing technology, combined with sound-insulating glazing, provide excellent sound reduction up to 46 dB.

Relax inside your own four walls and let stress become a thing of the past as distracting noises, like the neighbor’s lawn mower, street traffic, the construction site on the corner or the nearby airport, disappear.

Your windows ventilate themselves

Say goodbye to stuffy rooms, a lack of fresh air or mold formation due to insufficient ventilation, with Schüco CT 70 windows that ventilate themselves! With a choice of one of our four ventilation units – Schüco VentoPlus, Schüco VentoAir, Schüco VentoAir+ and Schüco VentoTherm Twist – you can find the perfect tailored solution for ventilating your home. Schüco VentoPlus blends in seamlessly with the window and ventilates rooms exactly as

required by means of a mechanical humidity sensor. The Schüco VentoAir and Schüco VentoAir+ concealed window rebate ventilators self-regulate to provide the necessary room ventilation. The motorized ventilation system VentoTherm Twist provides continuous air exchange and includes an integrated pollen filter. Draughts and disturbance from noise are therefore a thing of the past.

Schüco VentoTherm Twist



Schüco VentoAir



Schüco VentoAir+



Schüco VentoPlus



Schüco CT 70: A variety of colors and shapes

Schüco CT 70 windows offer many possibilities for making your home more attractive and charming. With a wide range of surface finishes, there are almost unlimited options for making your new PVC-U windows even more unique.





Unique metallic appearance for PVC-U windows and doors with Schüco AutomotiveFinish

Attractive metallic colors

The color scheme of a house greatly influences its character. With the Schüco CT 70 system, you can design your windows however you wish. The exclusive Schüco AutomotiveFinish surface finish technology offers attractive metallic designs for windows and doors which are otherwise only found in the automotive industry.

Schüco AutomotiveFinish

Color range for use inside and outside



Metallic black



Dark grey



SAF-DB 703



SAF-DB 703 line



SAF-RAL 9007



SAF-RAL 9006



Light Silver



SAF-RAL 140-M



Deep Bronze

Due to printing technology, colors may differ.



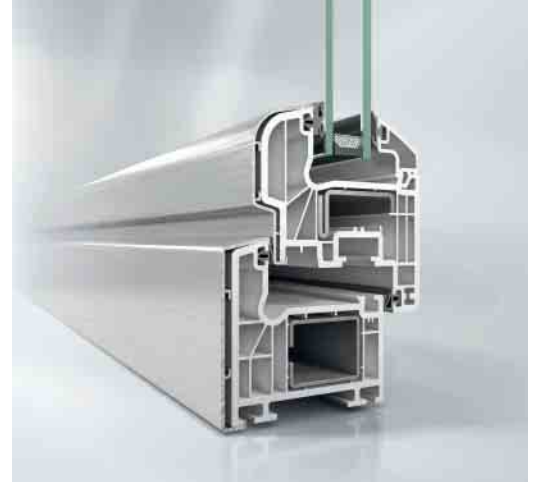
Choose from a wide range of single colors and woodgrain finishes.

Individual design for your Schüco CT 70 windows

With over 200 single colors and woodgrain finishes, the Schüco UnlimitedFinish range of foils offers a wide variety of options to fit with your personal taste. But windows don't just influence the design of the façade; they also impact the atmosphere of the interior. The Schüco CT 70 profile surface finishes can be designed in different colors inside and outside, enabling you to complement your interior with different color accents for the indoors as those you have chosen for outdoors.

New levels of freedom with Schüco TopAlu

Fulfill your requirements for home comfort, design and value retention with a single product: Schüco TopAlu with external aluminum cover caps. Schüco TopAlu combines the excellent thermal properties of PVC-U windows with the high level of resistance of aluminum and its particularly high-quality appearance when viewed from outside.



A perfectly integrated design for your new windows

Window handles allow you to create individual design accents. Schüco offers a range of handles so you can make your new Schüco CT 70 windows unique. Choose from a wide variety of handle options to suit your vision, be it a clean, linear design, or colorful accents. Schüco also offers a uniform look for window, door and sliding door handles, helping you to create a harmonious aesthetic within your home.



The Schüco handle range meets the highest requirements in form and function.

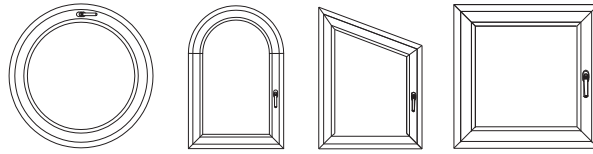


High-quality handles and fittings made from durable materials effectively round off the appearance of your windows. Take a look at the Schüco standard handle range here.

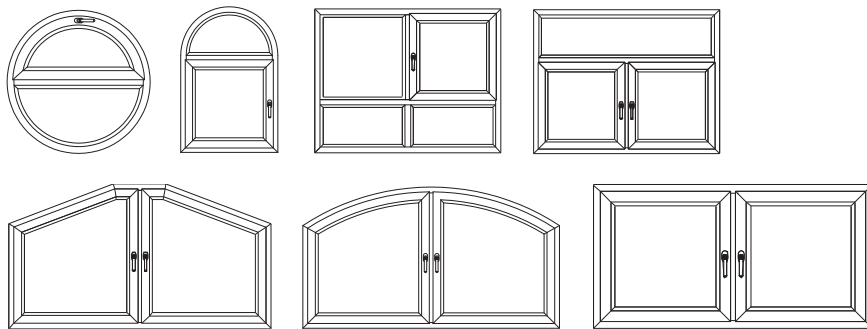
A variety of shapes for individual façade designs

Triangle or round arch – a window doesn't always have to have four corners. With Schüco CT 70, you can design your windows to match your own ideas and requirements. Add additional touches and make your new window a focal point with design features such as glazing bars and glazing beads.

Single-field windows and window doors



Multi-field windows and window doors



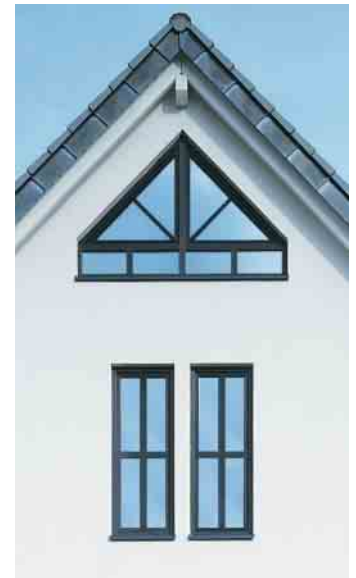
Design options that shape the overall appearance of the façade.



Tall, rectangular windows unbroken by glazing bars emphasize the penetration of light.



These glazing bars provide horizontal emphasis and create the impression of greater width.



Vertical glazing bars produce slender divisions of the windows for an elegant style.

Schüco CT 70 range – the basis for good windows



System-based window construction – from your Schüco partner

You can expect the best from us in terms of 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 ...

- ... thermal insulation
- ... sound insulation
- ... surface finish and color selection
- ... security features and window accessories

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

Schüco Polymer Technologies KG
www.schueco.com

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70 years of Schüco – System solutions for windows, doors and façades

Based in Bielefeld, the Schüco Group develops and sells system solutions for windows, doors and façades. With 5650 employees worldwide, the company strives to be the industry leader in terms of technology and service both now and in the future. In addition to innovative products for residential and commercial buildings, the building envelope specialist offers consultation and digital solutions for all phases of a building project – from the initial idea through to design, fabrication and installation. Schüco works with 10,000 fabricators and 30,000 architectural practices, as well as construction professionals who commission buildings around the world. Founded in 1951, the company is now active in more than 80 countries. For more information, visit www.schueco.com

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