

Focus
Architects

Topics
Products
Services

2025

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Introduction

Focusing on your planning

The construction industry is facing huge challenges. One key issue is the need for sustainable construction, in order to meet the growing requirements for climate protection and resource conservation. This includes both the choice of materials and the integration of energy-efficient construction methods. Material costs are also rising as a result of global supply chain problems and inflationary trends. The shortage of skilled workers is also playing its part and leading to building project delays. During this time, we are offering tailored solutions that go far beyond the standard. Schüco is the partner you can rely on when it comes to realising your visions and creating future-proof buildings.

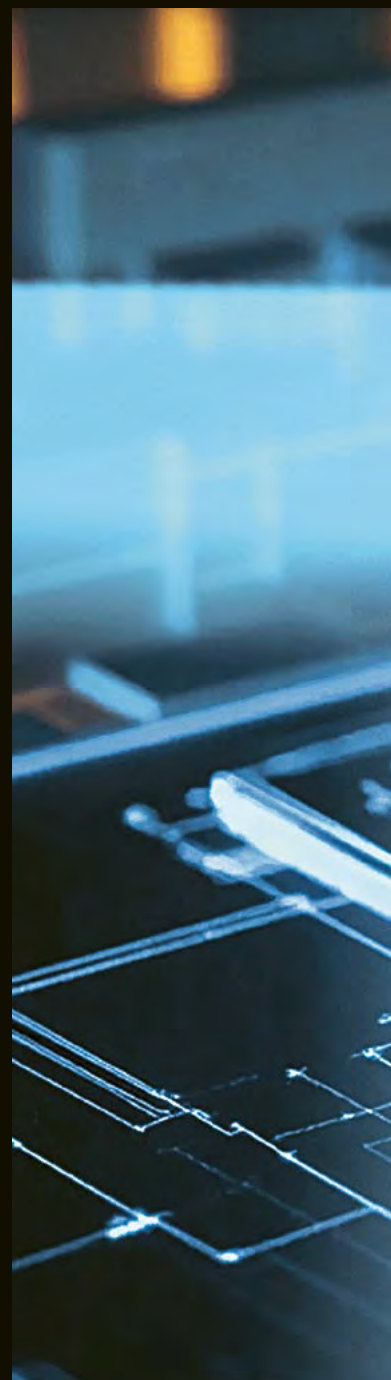
This brochure contains information about the latest developments, products and services that

specifically target the needs and demands of your day-to-day work. You can also find out how you can easily plan complex renovations with Schüco Value Up, and how we can drive forward decarbonisation with Schüco Carbon Control by minimising carbon emissions across all phases of the construction. Furthermore, we focus on hot topics such as fire protection, high security and residential projects – so that you can reliably plan and implement all of your building projects.

With Schüco by your side, you benefit from specialist consultancy, tailored solutions and multi-faceted inspiration. We support you right from the initial idea all the way through to the planning and implementation of your projects.

Let's shape the architecture of tomorrow together.

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Adaptive reuse



SCHÜCO
VALUE UP
Upgrading existing structures



Plan complex renovations with ease

With Schüco Value Up, complex projects in existing buildings can be planned more efficiently and implemented more reliably – on time and within the set budget.

Our tailored solutions for the building envelope combine Schüco products and services to minimise your planning work, whilst still providing maximum design freedom. In this way, your ideas and visions become sustainable, value-enhancing architecture.

More than 85% of today's buildings will still be standing in 30 years. This makes maintaining and increasing the value of existing properties a central focus. At the same time, topics like climate protection, scarcity of resources and new concepts for use demand innovative approaches for adaptive reuse projects. The challenge is that existing buildings need to be modernised to be more energy efficient, adapted to changing climate conditions and renovated so that they remain economically attractive for the long term. Sustainability requirements, cost efficiency and design ambitions must be reconciled, which is a challenge for all the key players in the construction industry.

New framework, new opportunities

The EU has set clear objectives with the aim of being carbon neutral by 2050. Almost 75% of existing buildings in the EU are considered to be inefficient in terms of energy and, without renovation, are an obstacle to achieving climate targets. Subsidy programmes and energy efficiency standards offer incentives to carry out improvements. This political momentum makes existing buildings a dynamically growing market

that offers opportunities to investors, architects, fabricators and building operators alike.

Product solutions and services

Every renovation is unique. Unforeseen circumstances are the norm and the possibilities of the solutions are diverse and complex. That's why renovation projects require customised strategies which are tailored to the circumstances of the existing building. With Schüco Value Up, construction projects in existing buildings can be carried out systematically, sustainably and in a way that enhances their value. This project-specific approach for the renovation of the building envelope provides all project stakeholders with greater certainty and predictability throughout the entire process.



Find out more

All the latest information about Schüco Value Up:
www.schueco.de/cc-sanierung-en

Four key phases structure and optimise the entire renovation process.

1 Analyse to Upgrade: greater transparency in investment decisions

We analyse the building envelope precisely and make the renovation potential of a building visible and measurable for all those involved in the project. This allows them to make well-founded, economical decisions – and increase the potential value of the property in the best possible way for the long-term.



2 Plan to Upgrade: reduced planning complexity

We offer precise simulation and planning tools which can be used to quickly grasp complex project requirements and minimise uncertainties at an early stage. Our specialists provide support with the development of customised renovation concepts and individual solutions – in a project-specific way that is tailored to the requirements of the existing building.





3 Rebuild to Upgrade: greater reliability and cost- effectiveness in implementation

We enable efficient and reliable execution of renovation projects. With our solutions for every type of renovation – from refurbishment to replacing units or a full renovation – renovation measures can be implemented in a reliable and cost-effective way. Our approach reduces costs and provides flexibility. The result is sustainable, value-enhancing solutions for the respective property.



4 Maintain to Upgrade: greater functionality and efficiency in building operation

We ensure efficient operation of the building and offer digital tools and minimally invasive measures to extend the useful life of buildings while they are still in use. Our innovative systems lower operating costs, increase user comfort and improve energy efficiency, while regular maintenance and repair services guarantee the long-term preservation of the value of the property.

With Schüco Value Up, complex projects in existing buildings can be planned more efficiently and implemented more reliably – on time and within the set budget.

To help all those who maintain value to increase value.

Schüco AWS 90 ST.SI+ window system

Aluminium window with steel look

- Passive house certification can be achieved with specific combinations of profiles
- Combining with the concealed Schüco AvanTec SimplySmart system fitting enables heavy vent weights and an opening angle of 180° to be achieved
- Solutions for barrier-free terraces and balcony doors in side-hung, turn/tilt and double-vent designs



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 32 dB
 R_w value of glass of 41 dB
 R_w value of glass of 51 dB

Burglar resistance

Options

Outer frame: 33 mm to 51 mm
Vent frame: 33 mm to 51 mm

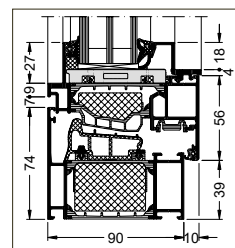
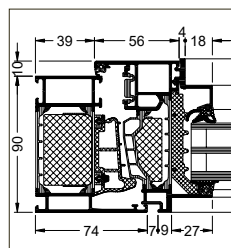
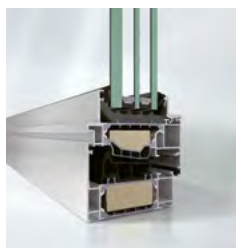
Thermal insulation of unit (unit size W x H 1230 mm x 1480 mm)

U_w value of 0.74 W/(m²K)
 U_w value of 0.87 W/(m²K)
 U_w value of 1.09 W/(m²K)

Sound reduction of unit
 R_w value of 34 dB
 R_w value of 40 dB
 R_w value of 46 dB

Up to class RC 3

Ideal for renovations
Barrier-free level thresholds
Optimised thermal insulation



Schüco AS FD 90.HI folding sliding system

Maximum opening for unrestricted views

- The façade can be sealed quickly and cost-effectively instead of requiring a laborious balcony renovation
- Improved energy-efficiency due to excellent thermal insulation
- The balcony becomes an extension to the living space that can be used all year round



Technical data

Vent sizes

Maximum size W x H: 1500 mm x 3500 mm,
1000 mm x 2750 mm (as balcony glazing / with cleaning fitting)

Vent weights

Up to 150 kg,
100 kg (as balcony glazing / with cleaning fitting)

Face width of vent joint

90 mm or 104 mm

Thermal insulation of glass
with Psi value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H 5000 mm x 2500 mm)

U_w value of 0.81 W/(m²K)
 U_w value of 0.96 W/(m²K)

U_w value of 1.20 W/(m²K)

Sound reduction of glass

R_w value of glass of 32 dB
 R_w value of glass of 45 dB
 R_w value of glass of 51 dB

Sound reduction of unit

R_w value of 36.6 dB
 R_w value of 45.1 dB
 R_w value of 46.6 dB

Burglar resistance

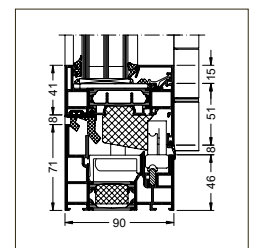
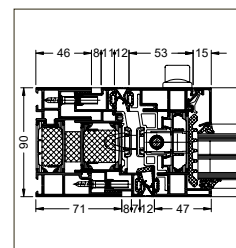
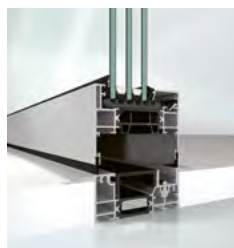
Up to class RC 2

Options

Manual operation



All the latest information:
www.schueco.de/as-fd-90-hi-en



Schüco AWS 75.SI+ Reno window system

Efficient window renovation without removing the outer frame

- Time saving: faster window replacement without removing the old frame
- Cost saving: reduced total costs thanks to less work and fewer materials required and due to the eligibility of the measures for subsidies
- Lower complexity: easier installation without removing the frame reduces the amount of planning required and minimises laborious preparatory work



Technical data

Glass or infill thicknesses

Outer frame: 18 mm to 52 mm
Vent frame: 18 mm to 61 mm

Thermal insulation of glass

Thermal insulation of unit
On request

Sound reduction

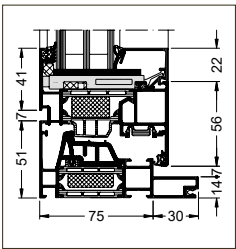
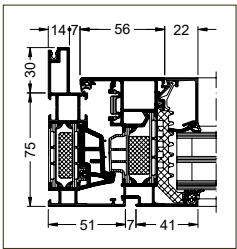
Sound reduction of unit
On request

Burglar resistance

On request

Options

Optimised thermal insulation
Schüco Integralmaster



Schüco AOC 50/60 Reno façade system

Efficient refurbishment of mullion/transom façades

- Time and cost-saving façade refurbishment: no laborious complete replacement required
- Can be carried out while the building is in use
- No renovation of the interior required: brackets and inner attachments are unaffected as the old system is built over



Technical data

Glass or infill thicknesses

8 mm to 70 mm

Thermal insulation of glass
with Psi value of 0.064 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 1500 mm x 2800 mm)

U_{cw} value of 0.66 W/(m²K) (AOC 50 Reno) and U_{cw} value of 0.7 W/(m²K) (AOC 60 Reno)
 U_{cw} value of 0.85 W/(m²K) (AOC 50 Reno) and U_{cw} value of 0.9 W/(m²K) (AOC 60 Reno)
 U_{cw} value of 1.2 W/(m²K) (AOC 50 Reno) and U_{cw} value of 1.3 W/(m²K) (AOC 60 Reno)

Sound reduction

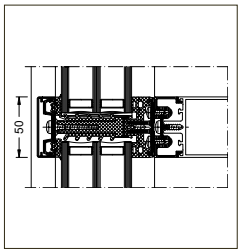
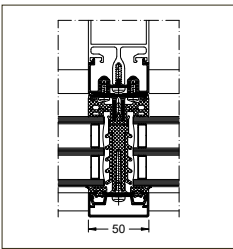
Sound reduction of unit
On request

Burglar resistance

On request

Options

Renovation solution for existing standard façades
Use of glass or panel infills as well as building-integrated photovoltaic modules
Easy integration of opening units and sun shading



Schüco AF VC façade system

Ventilated façade for renovating the building envelope

- Load-bearing structure for photovoltaic modules (Schüco BIPV), in order to utilise spandrel and opaque areas as sources of energy
- This permanently reduces the operating costs and carbon emissions
- Different fixing options for photovoltaic modules, glass, or other opaque infills, enables façades to be designed flexibly and attachments to ribbon windows and mullion/transom façades to be constructed seamlessly



Technical data

Glass or infill thicknesses

5 mm to 18 mm

Features and benefits

Rainscreen cladding system

Four system versions:
point fixing, full-frame fixing, two-sided fixing and concealed fixing

Infill types:
glass, panels and building-integrated photovoltaic modules

Maximum infill dimensions with full-frame fixing and point fixing (W x H):
1200 mm x 3600 mm or 3600 mm x 1200 mm

Maximum infill dimensions with concealed fixing (W x H):
1800 mm x 3600 mm or 3600 mm x 1800 mm

Can be combined with Schüco façade systems and window units

System versions

Point fixing



Full-frame fixing



Two-sided fixing



Concealed fixing



Schüco Focusing window system

Sustainable PVC-U window system

- Sustainable profile system due to the inner core made from recycled material and its economical design
- Modern look with clean, minimalist, straight lines
- Can be used for newbuilds and renovation projects



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.030 W/mK and
U_g value of 0.5 W/(m²K)
U_g value of 0.7 W/(m²K)

Sound reduction of glass
R_w value of glass of 37 dB
R_w value of glass of 42 dB
R_w value of glass of 45 dB
R_w value of glass of 50 dB

Burglar resistance

Options

Outer frame: 10 mm to 48 mm
Vent frame: 16 mm to 54 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.77 W/(m²K)
U_w value of 0.90 W/(m²K)

Sound reduction of unit
R_w value of 41 dB
R_w value of 44 dB
R_w value of 45 dB
R_w value of 48 dB

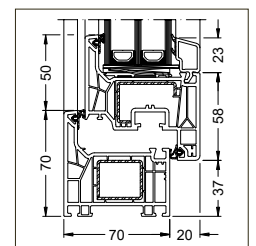
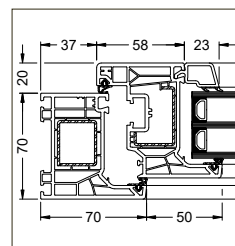
Up to class RC 2

Barrier-free level or standard threshold (20 mm)

Surface finish options
Integrated ventilation solution
Smart home compatible
Can also be used as a window door



All the latest information:
www.schueco.de/focusing-qr-en



Schüco Symbiotic window system

Hybrid design system for PVC-U windows

- With its medium basic depth and different glazing options it is suitable for both modernisation projects and newbuilds
- Minimal face width of 110 mm creates a slender appearance for maximum light penetration
- Can be combined with Schüco aluminium window systems in a single building project thanks to the identical visual design



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.030 W/mK and
U_g value of 0.5 W/(m²K)
U_g value of 0.7 W/(m²K)

Sound reduction of glass
R_w value of glass of 36 dB
R_w value of glass of 42 dB
R_w value of glass of 45 dB
R_w value of glass of 50 dB

Burglar resistance

Options

Outer frame: 40 mm to 54 mm
Vent frame: 40 mm to 54 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.73 W/(m²K)
U_w value of 0.90 W/(m²K)

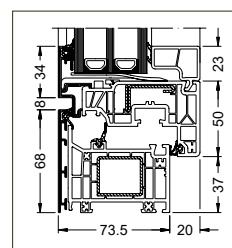
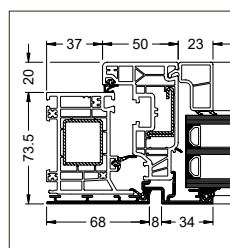
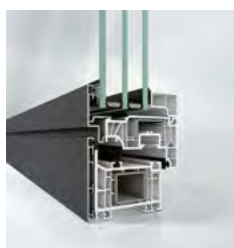
Sound reduction of unit
R_w value of 35 dB
R_w value of 44 dB
R_w value of 46 dB
R_w value of 48 dB

Up to class RC 2

Barrier-free level or standard threshold (20 mm)
Surface finish options
Safety barrier
Integrated ventilation solution
Can also be used as a window door
Integralmaster
Smart home compatible



All the latest information:
www.schueco.de/symbiotic-qr-en



Schüco EasySlide – New Generation

Optimised PVC-U lift-and-slide door

- Sustainable, energy-efficient PVC-U system which is ideal for modernisation projects thanks to its low basic depth
- A wide range of design options with regard to unit types and surface finishes – to suit every architectural requirement
- Colour design using external aluminium cover caps and a variety of design foils from the Unlimited Finish range

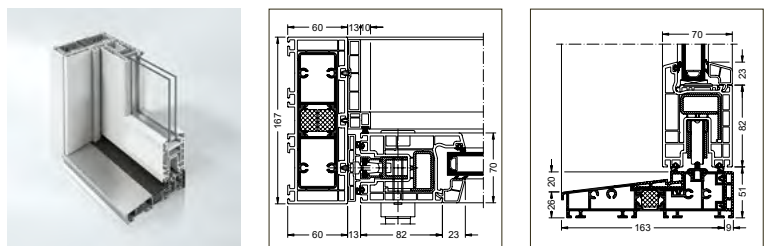


Technical data

Vent sizes	Maximum size W x H: 3228 mm x 2476 mm
Vent weights	Up to 300 kg
Face width of interlock section	108 mm
Thermal insulation of glass with Psi value of 0.030 W/mK and U _g value of 0.7 W/(m²K) with Psi value of 0.032 W/mK and U _g value of 1.0 W/(m²K)	Thermal insulation of unit (unit size W x H: 4000 mm x 2300 mm) U _w value of 1.0 W/(m²K) U _w value of 1.3 W/(m²K)
Sound reduction of glass R _w value of glass of 34 dB R _w value of glass of 40 dB R _w value of glass of 45 dB R _w value of glass of 48 dB	Sound reduction of unit R _w value of 34 dB R _w value of 37 dB R _w value of 41 dB R _w value of 43 dB
Burglar resistance	Up to class RC 2
Options	Schüco SmartClose Monitoring of closing (only for type 01) Schüco SoftLift Schüco SoftHandle



All the latest information:
www.schueco.de/easyslide-gr-en



Jansen Fineline 70 window system

Slender steel window system with comprehensive design options

- An outstanding combination of design and performance enables styles ranging from elegant and classic right through to modern to be achieved
- A variety of glazing bead versions allows individual designs to be created
- The optional block vent version permits almost completely concealed opening units to be constructed



Technical data

Glass or infill thicknesses

Outer frame: 9 mm to 54 mm
Vent frame: 9 mm to 54 mm

Vent sizes

Minimum size W x H: 300 mm x 360 mm
Maximum size W x H: 1000 mm x 2400 mm

Thermal insulation of glass
with Psi value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)
 U_w value of 0.8 W/(m²K)
 U_w value of 1.0 W/(m²K)
 U_w value of 1.3 W/(m²K)

Sound reduction of glass
 R_w value of glass of 50 dB

Sound reduction of unit
 R_w value of 50 dB

Burglar resistance

Up to class RC 2

Material

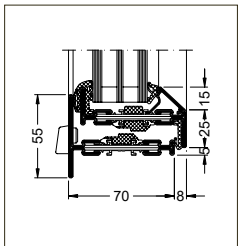
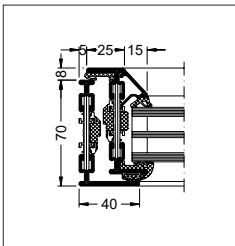
Steel

Options

Block window and double-vent outer frame design options
Surface-mounted (traditional) or concealed (modern) fittings systems
Profiles with or without Euro groove



All the latest information:
www.schueco.de/jansen-finline-70-en



Recycling concepts

Renovation planning for dismantled construction units



- Schüco consults on the planning of renovation projects and provides project-specific recycling concepts
- This free service offers added value for everyone involved in the project
- Other benefits include reliable planning and a positive impact on building certification outcomes (DGNB, LEED)

Internet of Façades (IoF)

Digital twin



- Digital twins of Schüco units where all the data and documents are stored, such as component specifications and details of the materials
- Provides precise information about the building's existing structures, systems and components – to help you make well-founded decisions and plans
- From 2025 Schüco products will be fitted with an IoF ID as standard – for digital, transparent building envelopes



All the latest information:
www.schueco.de/iof-id-fokus-en

Vent replacement

Minimally invasive refurbishment of old window systems



- Replacing the vents enables the energy efficiency of windows from the Royal S system generation to be brought up to today's standards
- Replacing the vents takes just a few minutes and therefore makes the duration of this construction work shorter overall
- Renovation projects that are eligible for subsidies improve the energy efficiency of old systems without affecting the attachment to the building structure

Building Physics Solver (BPS)

Reliable planning of renovations



- Calculate all the important parameters for statics, thermal insulation, acoustics and sustainability at the touch of a button
- Perform complex structural calculations with a high level of precision
- Quickly and accurately simulate the suitability of Schüco window and façade systems for a project



All the latest information:
www.schueco.de/software-en

Inventory of the existing building

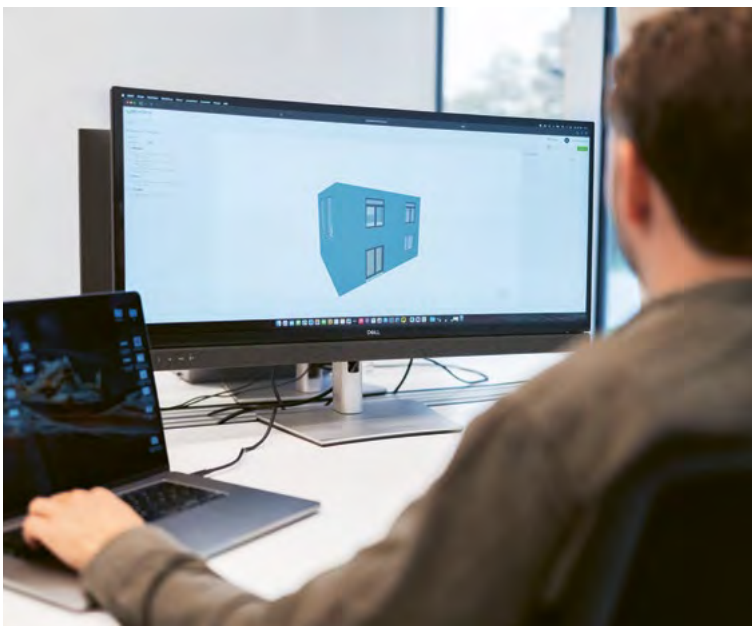
Integral component of successful renovation planning



- Precise logging of the existing building is essential for well-founded, economically sound renovation decisions
- Our team of experts performs an extensive on-site building assessment
- On this basis, the Schüco team of experts puts together detailed documentation of the stock data

Schüco DataHub

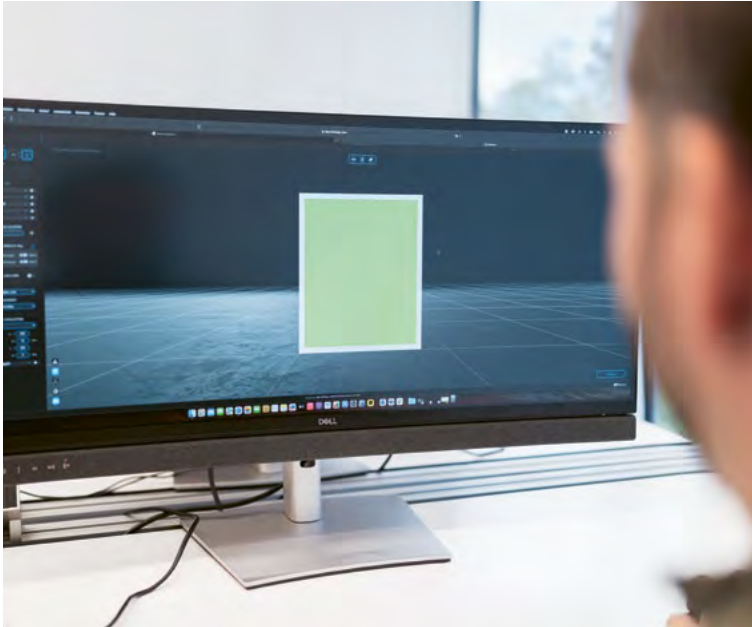
Digital communication of the 3D building planning



- Cloud-based platform for model-based consultations and communication for renovation projects
- Precise suggestion and selection of units that require renovation
- Extensive functions for tailored project processing and easy integration of project data that can be seamlessly copied over to SchüCal for subsequent calculations

Structural calculation

Project calculations for statics, thermal insulation, isothermal flow and acoustics



- The Schüco subsidiaries and project offices support architects and planners with the structural checking of design suggestions
- This saves time and ensures structural integrity and energy efficiency
- Project-specific installation scenarios can be precisely analysed and assessed

Specification texts and bills of quantity

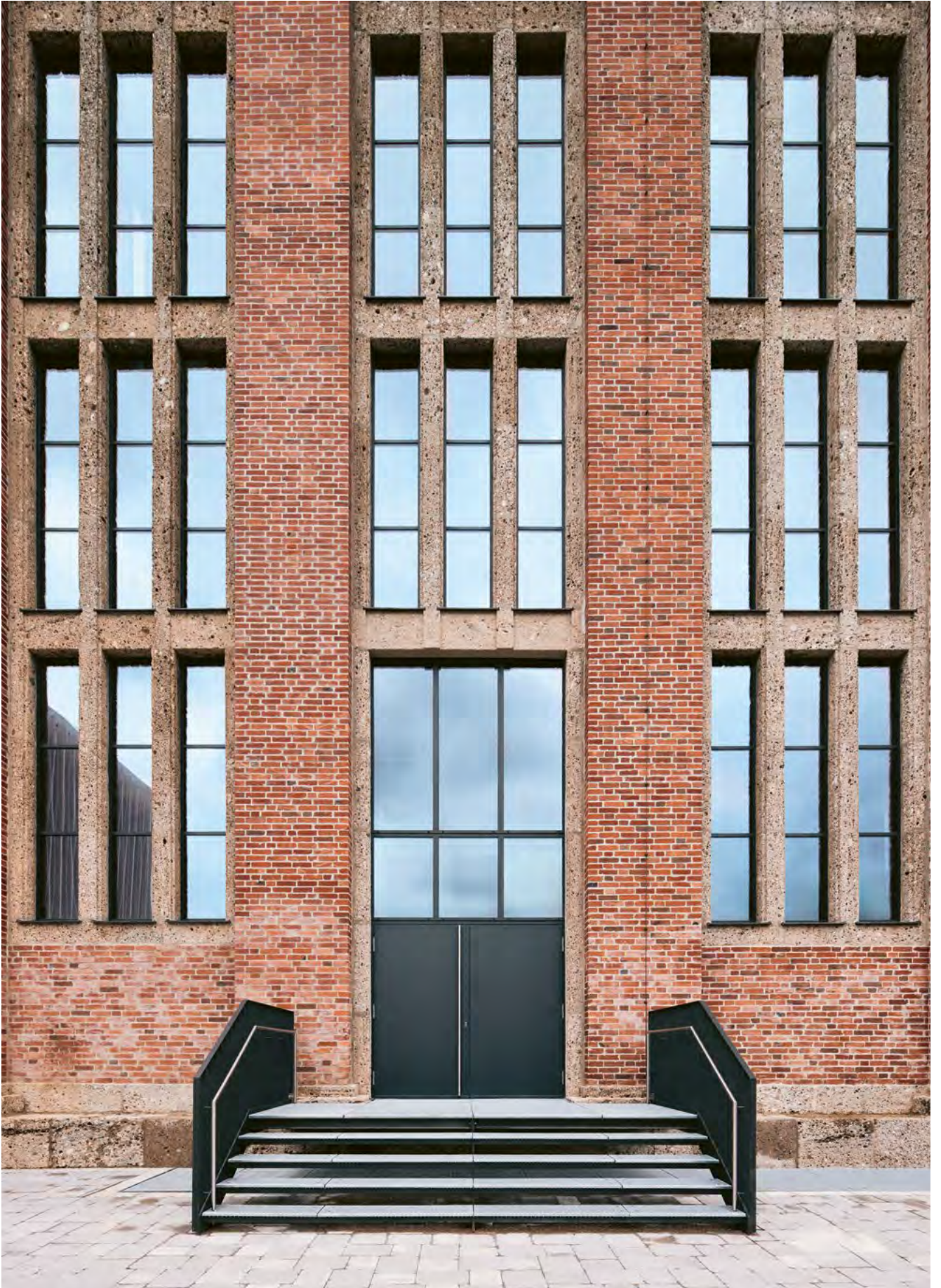
Legally compliant, time-saving and conforms to German Construction Contract Procedures



- Schüco offers a free service for planning and specifying, where architects and planners are provided with templates compliant with German Construction Contract Procedures (VOB) for specification texts and bills of quantities
- These templates contain clear technical specifications and detailed bills of quantities to minimise subsequent work orders



All the latest information:
www.schueco.de/cc-ar-sanierung-en



Bergson Kunstkraftwerk, Munich, Germany, © Laura Thiesbrummel

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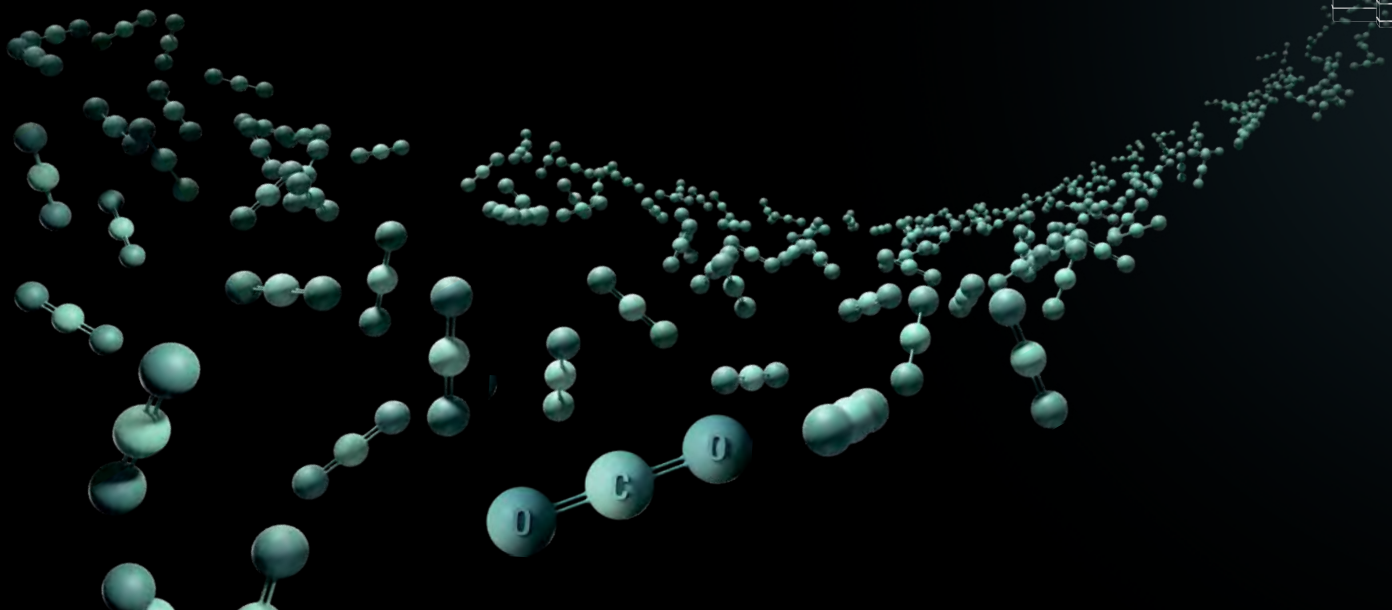
Decarbonisation



Minimising carbon in the building envelope

SCHÜCO CARBON CONTROL

Minimising CO₂ in construction.



In April 2023, Schüco introduced its modular Carbon Control product, which allows the carbon footprint of the building envelope to be significantly reduced over its entire life cycle. Since then, Schüco Carbon Control has become standard.



Schüco Carbon Control provides you with the precise tools required to minimise the carbon emissions of the building envelope over the entire life cycle of the property.

Schüco Carbon Control supports everyone involved in the construction project throughout all of the individual phases: Schüco provides investors, architects and planners with advice during the planning phase by means of feasibility studies, in order to identify the best solution while taking into account the budget, carbon footprint and circularity of the materials used. Targeted specialist advice also plays a key role during the subsequent phase, where the plans are implemented by the main contractors and fabricators. This is where Schüco advises and trains the fabricators and provides support by means of appropriate machinery, software, and profiles made from materials with recycled content. For building owners and operators, Schüco Service then takes care of the maintenance, servicing, retrofitting and, for renovation projects, the analysis of the existing building. If the decision is nevertheless made to demolish the building, Schüco Carbon Control together with joint ventures such as RE:CORE ensures that the resources are fed back into the material cycle.

New material grades set standards

In 2023, Schüco introduced two new aluminium material grades, which are now requested as standard: Low Carbon aluminium (LC) with a value of 4.47 kg CO₂e per kg of aluminium and Ultra Low Carbon aluminium (ULC) with a value of 2.27 kg CO₂e per kg of aluminium. The values have since been further reduced, meaning that from 2025 they stand at 3.84 kg CO₂e per kg of aluminium for LC and 1.99 kg CO₂e per kg of aluminium for ULC. An allotment process is used for the distribution of these two material grades.

Almost 100% recycled aluminium

Increasing the proportion of recycled content is an important factor in the ongoing decarbonisation of our materials. At the same time, using post-consumer material is a central component in the transition to a circular construction industry. Schüco is therefore doing everything they can to introduce a new grade of aluminium that consists of almost 100% recycled aluminium. This material grade will be launched in 2025. Taking the Schüco AWS 75.SI window with the dimensions 1.23 m x 1.48 m as an example, these low carbon materials have a very positive impact. By using ULC aluminium, low carbon insulating glass and the use of PA insulating bars made from 100% recycled material, the Global Warming Potential (GWP) of this example window can be reduced by almost 50%.

SchüCal – the ideal configurator

At the touch of a button, the calculation software SchüCal can instantly calculate how the footprint changes with the use of the new aluminium material grades. SchüCal is the digital heart of the planning and calculation process in metal fabrication. It now includes a key planning parameter for sustainability requirements, allowing the GWP to be calculated effortlessly for the purposes of easy and transparent monitoring – also taking into account the surface finish.

PVC solutions that conserve resources

In addition to the new aluminium material grades, Schüco also offers PVC materials with recycled content. Schüco BALANCED PVC is supplied as standard at Schüco. All of the profiles in this material version are manufactured with recycled material as standard or a formulation that makes optimum use of resources in the inner core. This formulation that makes optimum use of resources only contains components that are necessary for the quality of the material, and does without colour pigments, for example, in order to conserve raw materials. RECYCLED PVC contains a guaranteed proportion of recycled material in its

inner core of between 39% and 57%, irrespective of the geometry. Some profile geometries in this material version also meet the requirement for a recycled material proportion above 55 percent and can be used for buildings with special subsidies. With BIO-ATTRIBUTED PVC, crude oil is replaced with tall oil. This renewable, non-fossil raw material made from pine trees is a by-product of paper. Compared to PVC made from crude oil, PVC made from tall oil saves up to 90 percent CO₂e in the manufacturing process for the same manufacturer. With the introduction of the Schüco Environmental Calculator in the course of 2025, Schüco will make it possible to determine the GWP value of project-specific PVC units at the touch of a button as well.

Schüco Carbon Control in practice

Numerous projects have already been implemented using Schüco Carbon Control. One example is the renovation of the “New Ganghofer” in Munich. The façade of this building was refurbished, with 2600 window vents being replaced with new aluminium window vents with triple glazing. To prevent the grey energy in the existing building being lost, the old outer frames were retained. This meant that intervention into the fabric of the building was not required and the window vents that were removed were fed back into the material cycle, in order to ensure that as much material as possible was recycled with minimal waste. It is therefore estimated that 95% of the proportion of aluminium (approximately 43 tonnes of material), and 65% of the glazing (approximately 315 tonnes) will be recycled as part of this project. It is therefore clear that Carbon Control has established itself on the market and seamlessly links with Value Up, the new Schüco solution for value-enhancing renovations that can be reliably planned.



Find out more

All the latest information about
Schüco Carbon Control:
www.schueco.de/cc-fokus-en



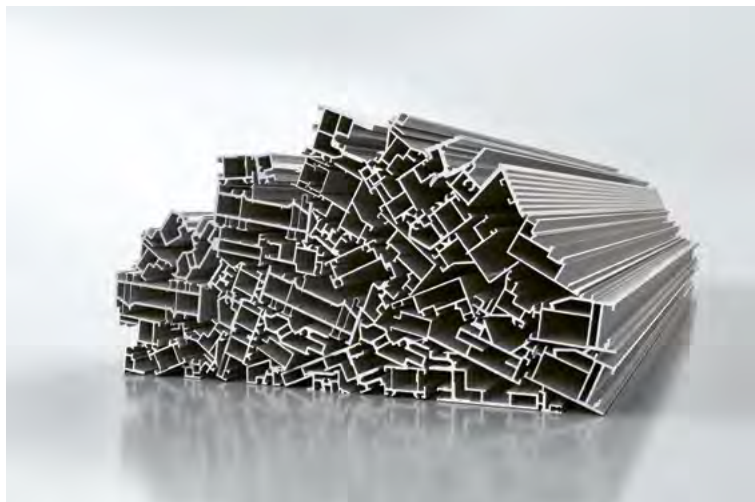
Schüco Carbon Control was used for the renovation of the "New Ganghofer" in Munich.

Set the course to reduce the carbon footprint as early as the design and planning stage with Schüco Carbon Control.

Reducing embedded emissions: it all depends on the material

Material grades of the Schüco aluminium profile systems

- By choosing the right materials, Schüco partners can have a positive influence on the embedded emissions in the building envelope, and therefore the carbon footprint of the property too
- Schüco offers three further material grades in addition to standard aluminium. Depending on the project specifications, it is possible to incorporate profiles with a particularly low CO₂ value into your planning and calculate them in SchüCal
- This is made possible by the use of recycled material as a raw material as well as green energy during the production of the aluminium



Grades

Low Carbon

In 2025, Low Carbon aluminium profiles have a GWP value of 3.84 kg CO₂e per kg of aluminium. In the coming years, we will gradually reduce the carbon footprint of LC aluminium.

SCHÜCO

Low Carbon
Aluminium

SCHÜCO
CARBON CONTROL

Ultra Low Carbon

In 2025, Ultra Low Carbon aluminium profiles have a GWP value of 1.99 kg CO₂e per kg of aluminium. In the coming years, we will gradually reduce the carbon footprint of ULC aluminium.

SCHÜCO

Ultra Low Carbon
Aluminium

SCHÜCO
CARBON CONTROL

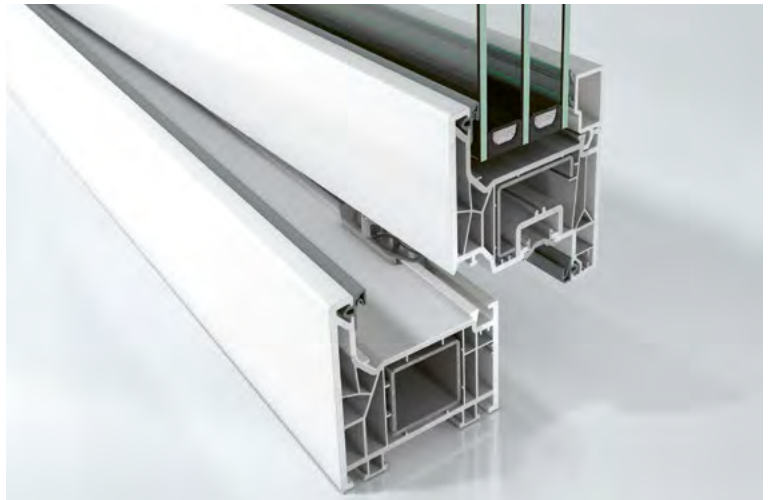


All the latest information:
www.schueco.de/material-en

Actively influencing embedded emissions with the right materials

Material grades of the Schüco PVC-U profile systems

- Schüco PVC-U systems have a GWP value between 0.51 and 2.30 CO₂ per kg of profile, depending on their design
- This is because the sustainable, reusable material has excellent recycling properties and produces low carbon emissions with multiple reuse
- Schüco PVC-U units made from sustainable PVC material versions can therefore already reduce the carbon footprint of a building when it is constructed



Grades

BALANCED PVC

With the standard BALANCED PVC version, the preference is to produce all profiles with a proportion of recycled material on the inside, but an inner core formulation that makes optimum use of resources is also used as an alternative. In this case, the proportion of recycled material varies between 25% and 76%. The aim is to continue increasing the proportion of recycled material used as standard.



RECYCLED PVC

All PVC-U profiles in the RECYCLED PVC material class are guaranteed to contain recycled material in the inner core and, depending on the geometry, are supplied with a recycled material content of between 39% and 57%.



BIO-ATTRIBUTED PVC



All the latest information:
www.schueco.de/material-en

Schüco uses bio-attributed PVC in the production of BIO-ATTRIBUTED profiles. During its manufacture, crude oil is replaced by tall oil, which is a non-fossil raw material made from pine trees and a by-product of paper production. The PVC contained in BIO-ATTRIBUTED profiles saves up to 90% CO₂e compared to the production of conventional primary PVC from the same manufacturer.



Polyamide bars made from recycled material

Recycling as standard: the same insulating bars, less CO₂



- Reduction of the CO₂ equivalent by more than two thirds
- New GWP values are available in the current version of SchüCal
- Product properties and certifications, and the order process and article numbers remain the same



All the latest information:
www.schueco.de/material-rezyklat-en

RE:CORE

Recycling solutions for sustainable companies



- RE:CORE specialises in the management of complex material flows and has the appropriate logistics for material cycles
- RE:CORE is a full service provider, with unit disposal and recycling
- The reprocessed aluminium or PVC is of a consistent quality and features a high level of purity



All the latest information:
www.recore-recycling.com/global

Aluminium recycling

Comprehensive collection service for old units



- Aluminium is ideal for recycling and can be kept in a virtually unending loop without any loss of quality when recycled properly
- With the new recycling scheme, Schüco is offering a collection service for old units from adaptive reuse and dismantling projects
- Together with reliable partners, Schüco is creating a recycling concept

Building-integrated photovoltaics (BIPV)

Energy self-sufficient buildings reduce carbon emissions



- Photovoltaics is an efficient solution for future-proof properties
- Looking at the energy certificate within the context of the German Energy Saving Ordinance (EnEV), the energy generated in the modules can be subtracted from the calculated power requirements, which results in primary energy requirements that are as low as possible
- The use of BIPV modules is key for creating ultra low energy, zero energy and energy plus buildings



All the latest information:
www.schueco.de/bipv-en

Internet of Façades (IoF)

Digital twin



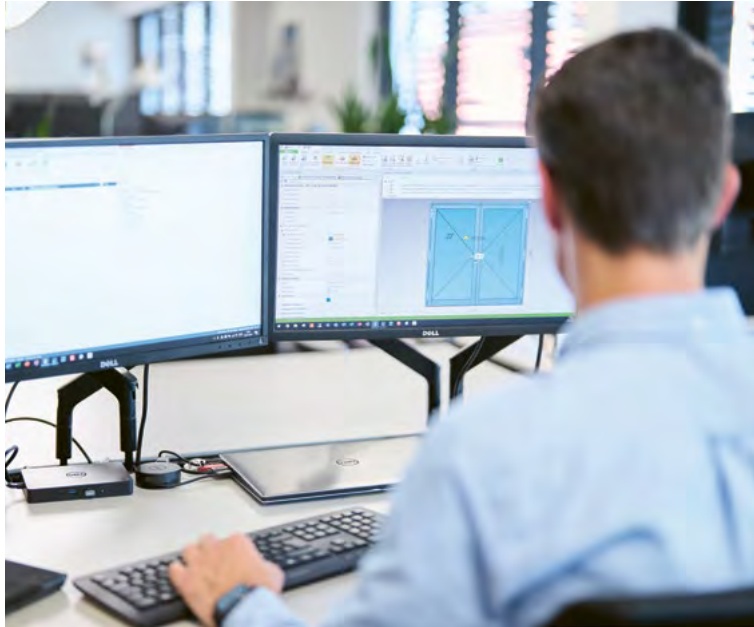
- Digital twins of Schüco units where all the data and documents are stored, such as component specifications and details of the materials
- From 2025, Schüco products will be fitted with an IoF ID as standard to make the move towards a digital, transparent building envelope even more efficient
- IoF enables the carbon footprint of the materials used and EPDs for each unit to be stored and accessed at any time



All the latest information:
www.schueco.de/iof-id-fokus-en

EPDs for certification: SchüCal

Numerous updates for creating EPDs at the touch of a button



- Low Carbon glass is defined by an agreed industry standard. In addition, there is the option to enter an individual value
- System EPDs for all aluminium grades can now be generated directly from SchüCal and made available to the architect by the fabricator or architectural project manager
- SchüCal EPDs are now created in line with the new standard EN 15804+A2

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Fire protection



Support for standard-compliant fire protection concepts

Schüco fire protection systems can be used to efficiently implement fire protection concepts in buildings.

Be it in hospitals, nurseries, shopping centres or office buildings – with our systems you're always on the safe side.



Fire and smoke protection are essential in the construction industry to ensure the safety of the users and the long-term functionality and value retention of a building. Schüco offers a comprehensive range of products which meet maximum safety requirements and allow freedom for creative designs. This is all in the form of certified system solutions for doors, windows, façades and partition walls, including the appropriate fittings and glazing: made from steel or aluminium, for use indoors or outdoors, in all standard fire and smoke protection classes. For specific requirements, we develop and test tailored special solutions that are designed to suit your precise project.

Seamlessly integrated

Our tested fire and smoke protection systems can be easily integrated into your designs without having to make compromises on aesthetic appearance, functionality or sustainability. They have the same face widths as our standard systems. The compatibility of the Schüco systems allows elegant and invisible transitions between the fire protection and standard areas. In addition to comprehensive safety and security, Schüco fire and smoke protection solutions also feature sound reduction, ease of access and smart control for added comfort and convenience. This offers maximum flexibility for the implementation of

your construction requirements. Dismantling has also been taken into account for Schüco fire and smoke protection solutions, as many of the products are already Cradle to Cradle certified.

Technical support

Schüco supports you with detailed technical consultations and extensive planning help. Our technical documentation helps you to choose the right products in accordance with the relevant standards and regulations. We also provide support with integrating fire protection systems and complex building planning scenarios, in order to find solutions that both meet the safety requirements and are aesthetically pleasing. This ensures you always select the best possible solution for your projects.



Find out more

All the latest information about fire protection from Schüco:

www.schueco.de/brandschutz-fokus-en

With our tested fire and smoke protection solutions, you can make your architectural designs a reality without having to compromise on appearance, functionality or sustainability. We support you with sophisticated products, countless designs and a range of consultancy services.



Schüco FireStop ADS 90 FR 30 door system

One platform: 30 minutes of fire resistance on the inside and outside

- Open rebate profile geometry: high level of flexibility with efficient profile processing and installation
- Wide range of designs
- Barrier-free fire doors thanks to variable threshold and fittings solutions



Technical data

Glass or infill thicknesses

Glass: 15 mm to 53 mm
Panel: 25 mm to 45 mm

Thermal insulation of glass
with Ψ_i value of 0.076 W/mK and
 U_g value of 0.5 W/(m²K)

Thermal insulation of unit (unit size W x H 1300 mm x 2500 mm)

U_d value of 1.2 W/(m²K)

Thermal insulation of panel
with Ψ_i value of 0.062 W/mK and
 U_p value of 0.66 W/(m²K)

Thermal insulation of unit (unit size W x H 1300 mm x 2500 mm)

U_d value of 1.3 W/(m²K)

Sound reduction of glass
SchücoFlam 30 ISO 114
 R_w value of glass of 53 dB
SchücoFlam 30 ISO 114
 R_w value of glass of 53 dB
SchücoFlam 30 C (V8)
 R_w value of glass of 43 dB

Sound reduction of unit

R_w value of 44 dB (single-leaf door W x H: 1230 mm x 2110 mm)

R_w value of 44 dB (double-leaf door W x H: 2676 mm x 2500 mm)

R_w value of 45 dB (fixed glazing W x H: 1230 mm x 1480 mm)

Burglar resistance

Up to class RC 2 – with and without panic function

Maximum pane and panel sizes

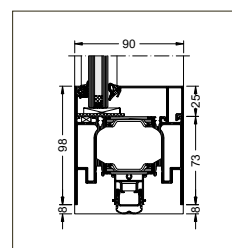
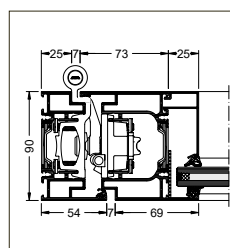
Fire-resistant glass, portrait format, W x H: 1500 mm x 3000 mm
Fire-resistant glass, landscape format, W x H: 3000 mm x 1500 mm
Fire-resistant panel, portrait format, W x H: 1250 mm x 2500 mm
Fire-resistant panel, landscape format, W x H: 2500 mm x 1250 mm

Options

Single and double-leaf doors, inward and outward-opening, with or without sidelight and with or without toplight, fixed glazing, 90° to 180° corner constructions for fixed glazing, attachment to Schüco FW 50+ BF and FW 60+ BF fire-resistant façades, T-cleat construction method, frame construction method, combined construction method and reverse rebate profile construction method, tested fire and smoke protection



All the latest information:
www.schueco.de/firestop-ads-90-fr-30-en



Schüco FireStop ADS 90 FR 90 door system

Concealed 90-minute fire protection – now for outside too

- Excellent performance characteristics
- Significant weight reduction: a true lightweight among heavyweights
- Concealed fittings: out of sight and uniform



Technical data

Glass or infill thicknesses

Glass: 51 mm to 58 mm
Panel: 54 mm to 58 mm

Thermal insulation of glass
with Psi value of 0.076 W/mK and
 U_g value of 0.5 W/(m²K)

Thermal insulation of unit (unit size W x H 1300 mm x 2500 mm)

U_d value of 1.2 W/(m²K)

Thermal insulation of panel
with Psi value of 0.026 W/mK and
 U_p value of 2.82 W/(m²K)

Thermal insulation of unit (unit size W x H 1300 mm x 2500 mm)

U_d value of 2.2 W/(m²K)

Sound reduction of glass
SchücoFlam 90 C
 R_w value of glass of 46 dB

Sound reduction of unit

R_w value of 42 dB (single-leaf door W x H: 1250 mm x 2120 mm)

Burglar resistance

Up to class RC 2

Maximum pane and panel sizes

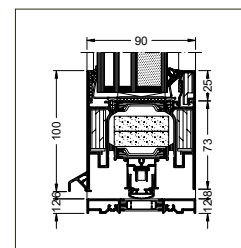
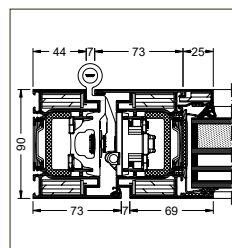
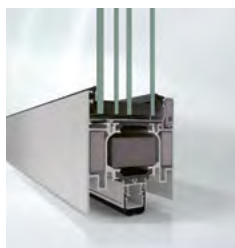
Fire-resistant glass, portrait format, W x H: 1500 mm x 3000 mm
Fire-resistant glass, landscape format, W x H: 3190 mm x 1266 mm
Fire-resistant panels, portrait format, W x H: 1250 mm x 3000 mm
Fire-resistant panel, landscape format, W x H: 2500 mm x 1250 mm
Fire-resistant Aestuver panel, portrait format, W x H: 1090 mm x 3000 mm
Fire-resistant Aestuver panel, landscape format, W x H: 2500 mm x 1090 mm

Options

Single and double-leaf doors, inward and outward-opening, with or without sidelight and with or without toplight, fixed glazing, F90 fixed glazing including door installation, T-cleat construction method, frame construction method, combined construction method, mechanical strength in accordance with DIN EN 1192 to class 4 (highest category: the doors are frequently subject to excessive use of force)



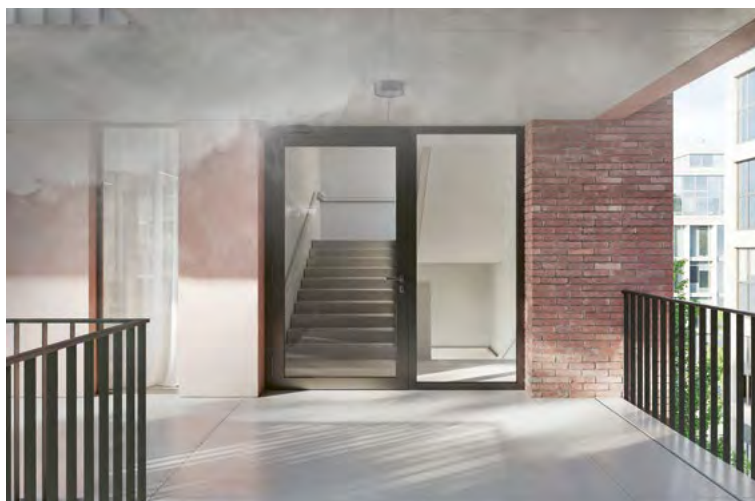
All the latest information:
www.schueco.de/firestop-ads-90-fr-90-en



Schüco AD UP 75 door system

Thermally insulated smoke doors

- For universal use: plan different, tested requirements to S_{200} and S_a with a single door system, e.g. an apartment entrance door with panelling in the walkways or glazed external doors to open stairwells
- No compromises need to be made in terms of thermal insulation or security: a high level of thermal insulation to U_d 1.1 W/(m²K) and burglar resistance to class RC 3 are possible
- Smoke protection and ease of access combined in a single system: smoke doors can be constructed with a barrier-free level threshold and 3 and 5-chamber leaves



Technical data

Glass thicknesses

Thermal insulation of glass
with Ψ value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Ψ value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 36 dB
 R_w value of glass of 43 dB
 R_w value of glass of 46 dB

Burglar resistance

Options

20 mm to 51 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 2180 mm)

U_d value of 1.10 W/(m²K)
 U_d value of 1.20 W/(m²K)

U_d value of 1.40 W/(m²K)

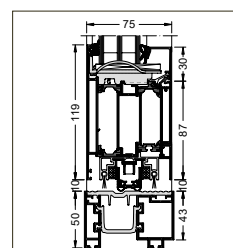
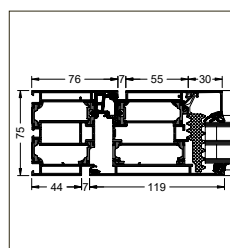
Sound reduction of unit
 R_w value of 38 dB
 R_w value of 41 dB
 R_w value of 42 dB

Up to class RC 3

Single-leaf doors, inward and outward-opening,
with or without sidelight and with or without toplight,
barrier-free threshold



All the latest information:
www.schueco.de/ad-up-75-en



Schüco Deflame

Fire-rated spandrel area

- Fire-rated spandrel area which does not impact the other façade areas that do not have the same requirements
- Slimline design as it is fully integrated
- Additional fire-resistant glass not required



Technical data

Features and benefits

Schüco Deflame fire-rated, fully integrated spandrel panel for mullion/transom and unitised façades

Protects the building against the vertical spread of fire to higher storeys

Tested protection against the vertical spread of fire in accordance with the EU standard and classification levels EI30, EI60, EI90 and EI120

Schüco Deflame is a system-tested solution

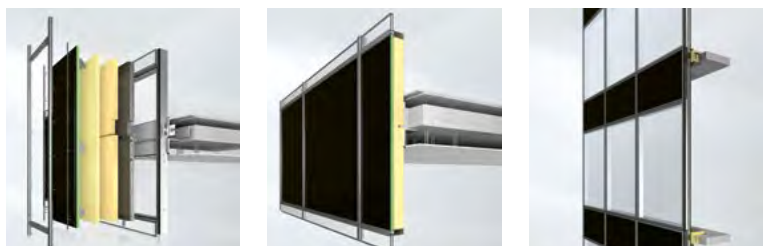
Maximum panel dimensions W x H: 1800 mm x 1400 mm

Individual external appearance for flexible façade design

Seamless transitions between the fire-resistant and standard areas



All the latest information:
www.schueco.de/deflame-en



Janisol 2 EI30 door system

Efficient RC 2 burglar resistance with steel fire doors

- Extensive design options for RC 2 solutions with glass or panel infills and sheet metal clad versions
- Comprehensive lock functions including electric and manual operation enable a wide scope of application
- Optional version with concealed glazing bar screw-fixing



Technical data

Protection classes

EL₂30-S_aC5 and EL₂30-S₂₀₀C5 in accordance with DIN EN 16034

Areas of application

External use

Glass or infill thicknesses

Outer frame: 15 mm to 37 mm
Leaf frame: 15 mm to 37 mm

Clear opening dimension

Maximum size W x H:
1500 mm x 3000 mm (single-leaf), 3000 mm x 3000 mm (double-leaf)

Maximum pane and panel sizes

Fire-resistant glass W x H: 1555 mm x 3088 mm
Fire-resistant panel W x H: 1531 mm x 2743 mm

Thermal insulation of glass
with Psi value of 0.11 W/mK and
U_g value of 0.5 W/(m²K)
U_g value of 0.7 W/(m²K)
U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 1230 mm x 2180 mm)

U_a value of 1.35 W/(m²K)
U_a value of 1.49 W/(m²K)
U_a value of 1.72 W/(m²K)

Sound reduction of glass
R_w value of glass of 46 dB

Sound reduction of unit
R_w value of 43 dB

Burglar resistance

Up to class RC 2 – with and without panic function

Material

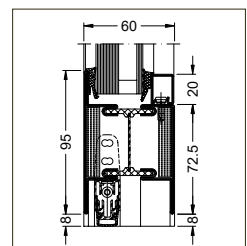
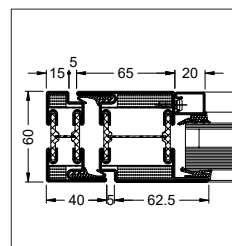
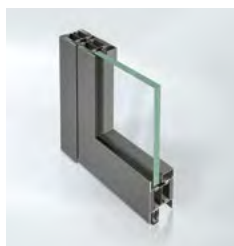
Steel and stainless steel

Options

Single and double-leaf doors, inward and outward-opening, with or without sidelight and with or without toplight, fixed glazing for external use, corner constructions for fixed glazing, F30 fixed glazing including door installation for external use, tested fire and smoke protection



All the latest information:
www.schueco.de/janisol-2-ei30-en





Kö-Bogen, Düsseldorf, Germany, © HGEsch

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High security



High security solutions. Constructed to protect.

With individual high-security solutions for buildings, Sälzer ensures that people can spend time in buildings during exceptionally threatening situations without worrying. Sälzer is therefore the ideal partner for construction projects with security needs that go beyond standard requirements.





This includes everything from burglar resistance and access control to protection against bullets, explosions, fire and smoke. With this in mind, Sälzer develops effective, attractive concepts for building protection.

Since 2018, Sälzer, the specialist in high security, has brought its expertise in the field of high-security buildings to the Schüco Group. The company offers individual consultancy, tailored project-specific concepts and comprehensive high-security solutions worldwide from a single source. Experienced experts support all stages of the building project, from the planning stage right through to implementation and maintenance. Decision-makers and planners of high-security buildings are relieved of complex questions and can rest assured that with security solutions and the tested, certified technologies from Sälzer, they can do everything possible to protect human life and preserve assets.

Field-tested products – seamlessly integrated

Sälzer high-security systems are tested against real threats in our in-house test centre. The product solutions therefore meet all the applicable regulations, standards and norms. Depending on the challenge, the products even exceed the required standards. As a highly specialised provider, Sälzer combines features of protection against break-ins, bullets, fire and explosions from various security classes in a single unit. Experience of over 50 years and a team of experts enable the complex high-security requirements of a building to be analysed, consulted on and implemented all from a single source.

SÄLZER



Find out more

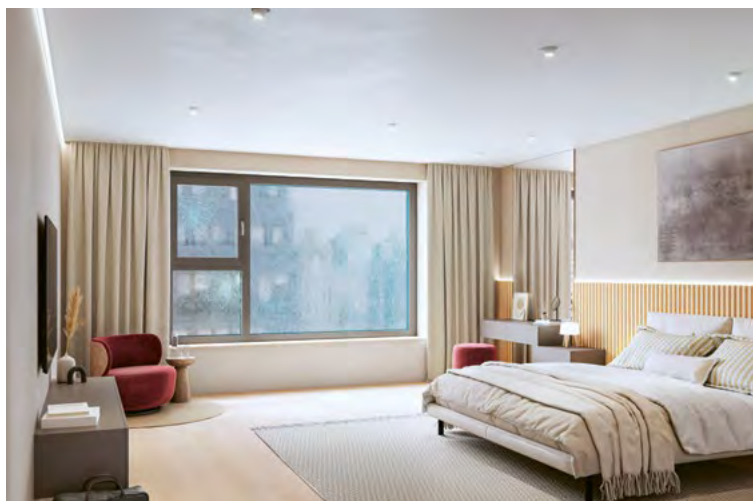
All the latest information about high security with Sälzer:

www.schueco.de/sicherheitssysteme-en

S6es-w series aluminium window system

Aluminium high-security window from Sälzer

- Variety of tested design options such as fixed lights, side-hung vents, turn/tilt vents, bottom-hung windows, top-hung windows, double-vent windows and multi-field windows
- High level of design freedom, seamless integration in the Schüco FWS 50 system
- Testing is carried out as a complete unit, including the glass and wall attachment



Technical data

Vent sizes

Thermal insulation of glass
with Psi value of 0.08 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 46 dB

Burglar resistance

Bullet resistance

Blast resistance

Options

Maximum weight: 350 kg, dimensions: project-specific

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.96 W/(m²K)
 U_w value of 1.09 W/(m²K)
 U_w value of 1.29 W/(m²K)

Sound reduction of unit
 R_w value of 45 dB

Up to class RC 4

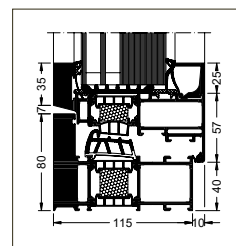
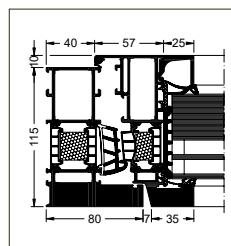
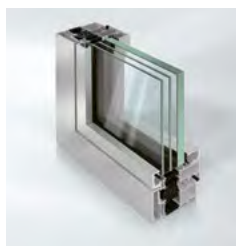
Up to class FB4-NS

Tested up to class EXR3 and up to 500 kg of TNT in an open arena

Also as a transom window with an integrated transfer tray and communication equipment
Can also be used as a window door



All the latest information:
www.schueco.de/saelzer-serie-s6es-alu-fenster-en



S6es-d series aluminium door system

Aluminium high-security door from Sälzer

- Can also be used in emergency exit and escape routes as it has been tested for burglar resistance to RC 4 with emergency exit devices in accordance with EN 179 and panic door fittings in accordance with EN 1125
- High level of design freedom, seamless integration in the Schüco FWS 50 system
- Testing is carried out as a complete unit, including the glass and wall attachment



Technical data

Leaf sizes

Thermal insulation of glass
with Psi value of 0.08 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 48 dB

Burglar resistance

Bullet resistance

Blast resistance

Fire and smoke protection

Options

Maximum weight: 600 kg, dimensions: project-specific

Thermal insulation of unit (unit size W x H: 1245 mm x 2245 mm)

U_d value of 1.33 W/(m²K)
 U_d value of 1.49 W/(m²K)
 U_d value of 1.63 W/(m²K)

Sound reduction of unit
 R_w value of 47 dB

Up to class RC 4

Up to class FB4-NS

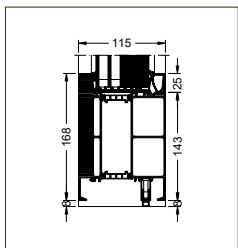
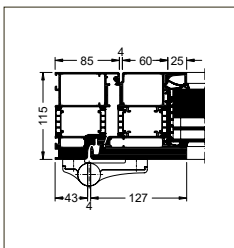
Tested up to class EXR2 and up to 500 kg of TNT in an open arena

–

Also available as a single-leaf panic door or a double-leaf full panic door



All the latest information:
www.schueco.de/saelzer-serie-s6es-alu-tueren-en



S1es-50 Semi-SG series aluminium façade system

High-security façade with semi-structural glazing from Sälzer

- The Sälzer S1es-50 aluminium high-security façade for multi-storey structures offers combined protection against break-ins, bullets and explosions, all with a face width of just 50 mm
- When designed as a semi-SG façade, burglar resistance up to RC 4; as a mullion/transom façade, additional bullet resistance up to FB4-NS and blast resistance to 500 kg of explosives
- High level of design freedom, seamless integration in the Schüco FWS 50 system



Technical data

Glass or infill thicknesses

32 mm to 75 mm

Thermal insulation of glass
with Psi value of 0.08 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_{cw} value of 0.82 W/(m²K)
 U_{cw} value of 1.00 W/(m²K)
 U_{cw} value of 1.30 W/(m²K)

Sound reduction of glass
 R_w value of glass of 48 dB

Sound reduction of unit
 R_w value of 48 dB

Burglar resistance

Up to class RC 4

Bullet resistance

–

Blast resistance

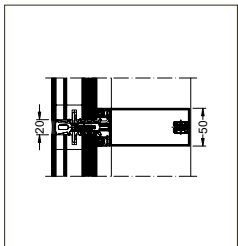
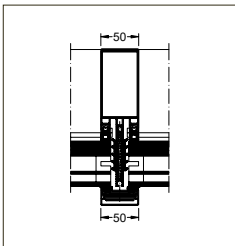
On request

Options

Semi-structural glazing appearance with horizontal or vertical emphasis



All the latest information:
www.schueco.de/saelzer-serie-s1es-alu-fassade-en





British Embassy, Warsaw, Poland, © Peter Cook

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Residential



Perfect solutions for an individual home



From family homes to villas and apartment complexes, Schüco is the first choice for high-quality windows, entrance doors and sliding doors. As all products can be perfectly coordinated with one another, you can utilise the full range of our portfolio to adapt any living space to your customers' individual requirements. This offers you the unique opportunity to inspire your customers with customised, innovative solutions that are precisely tailored to their personal needs and wishes – for an incomparable living experience.

Comprehensive configuration

The requirements of a construction project can be quite diverse. For example, the focus could be excellent thermal and sound insulation, which contributes to a pleasant and quiet living atmosphere. Accessibility in the sense of barrier-free transitions, ease of use, and the integration of innovative smart home technology, is also an important topic, particularly in the context of renovations. We offer solutions that guarantee maximum comfort and convenience for your customers, irrespective of their age, size or ability. In this way, every home you build becomes a future-oriented investment.

The desire for transparency

Windows, doors and sliding doors are not only functional building components, they are also stylish design elements that shape the look of

a room or building. Spacious rooms flooded with natural light are in demand. The innovative Schüco Design sliding and folding/sliding systems are particularly suitable for large openings. They create an almost seamless transition between the inside and outside. The technical sophistication of the systems means high stability and energy efficiency are guaranteed, even with large window and door areas. They also impress with tested and certified burglar resistance.

Cross-material design

The design is made even more flexible thanks to a wide range of opening types and surface finishes, as well as the option to combine aluminium and PVC-U products in a single building. This does not impact the appearance of the building: the uniform profile colours of the different components make them look as if they have come from the same mould and give the exterior of the building a homogeneous appearance.



Find out more

All the latest information about residential construction with Schüco:
www.schueco.de/schiebesysteme-qr-en

**You create the living spaces
to suit your customers' wishes,
we provide the perfect prod-
ucts and services for the
building envelope – individual,
modern, cross-product and
for all materials.**

Schüco enables the future-proof and sustainable design of living spaces that meet the individual needs of the occupants and fulfil the highest standards in terms of function and design.

Schüco AWS 90 AC.SI window system

Natural ventilation without disruptive external noise

- Single-shell window solution for window ventilation with sound reduction in the tilt position
- Window solution for sound reduction in rooms requiring protection in areas of the façade subject to a lot of noise
- AWS 90 AC.SI OpenSilent window system can be combined with AWS 90.SI



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Ψ value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Ψ value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 37 dB
 R_w value of glass of 41 dB
 R_w value of glass of 51 dB

Burglar resistance

Options

Outer frame: 28 mm to 63 mm
Vent frame: 28 mm to 68 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.82 W/(m²K)
 U_w value of 0.95 W/(m²K)

U_w value of 1.16 W/(m²K)

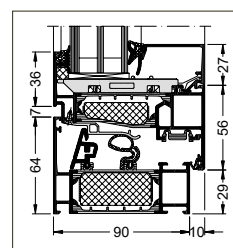
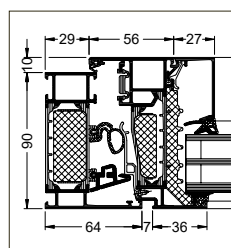
Sound reduction of unit (closed or open in the tilt position)
 R_w value of 40 dB and R_w value of 32 dB
 $R_{w,w}$ value of 43 dB and $R_{w,w}$ value of 32 dB
 $R_{w,w}$ value of 47 dB and $R_{w,w}$ value of 31 dB

Up to class RC 2

Natural ventilation with simultaneous sound reduction
Impact ventilation possible in the turn position



All the latest information:
www.schueco.de/aws-90-ac-si-qr-en



Schüco AD UP door system Design Edition Gen2

Design flush pull grip with integrated Schüco Fingerprint system

- The feature flush pull grip is part of the extensive Schüco AD UP modular system – with concealed integration for a clean look
- The Fingerprint system and the ergonomic flush pull grip blend seamlessly together to enable the door to be unlocked and opened with a single hand movement for maximum convenience
- Thanks to the connection to the smart home system and the ability to upgrade the electrical components, it is always possible to accommodate (ever-changing) user requirements



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.031 W/mK and
 U_g value of 0.365 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 46 dB

Burglar resistance

Options

Glass and insert panel infills: 28 mm to 68 mm

Bonded mounted infills:

39 mm to 79 mm (bonded on one side), 90 mm (bonded on both sides)

Mechanically fixed mounted infills: 56 mm to 82 mm

Thermal insulation of unit (unit size W x H 1000 mm x 2140 mm)

U_d value of 0.68 W/(m²K)

U_d value of 1.10 W/(m²K)

U_d value of 1.30 W/(m²K)

Sound reduction of unit

R_w value of 42 dB

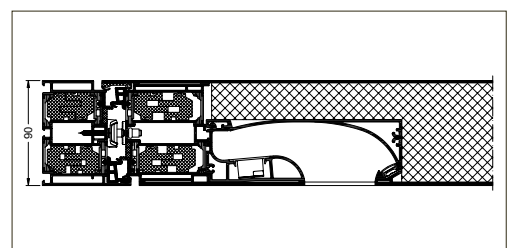
Up to class RC 2

Thermal insulation to passive house level

LED feature handle with integrated Fingerprint system



All the latest information:
www.schueco.de/ad-up-design-edition-gen2-en



Schüco AS PD 75.HI sliding system

Individuality without complexity

- Free vent configuration for maximum flexibility in planning
- The outer frame can be adjusted, even when installed, thanks to adjustment devices in the sill area and adjustment screws in the side and top outer frame
- Clean lines thanks to identical face widths, even with varying wind load requirements



Technical data

Vent sizes

Maximum width: 3500 mm or maximum height: 3500 mm

Vent weights

Up to 800 kg

Face width of interlock section

35 mm

Thermal insulation of glass
with Psi value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 5000 mm x 3000 mm)

U_w value of 0.82 W/(m²K)
 U_w value of 1.00 W/(m²K)

U_w value of 1.27 W/(m²K)

Sound reduction of glass
 R_w value of glass of 36 dB
 R_w value of glass of 43 dB
 R_w value of glass of 50 dB

Sound reduction of unit
 R_w value of 36 dB
 R_w value of 40 dB
 R_w value of 44 dB

Burglar resistance

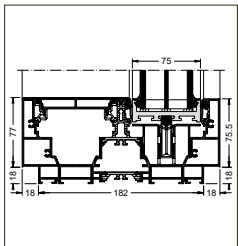
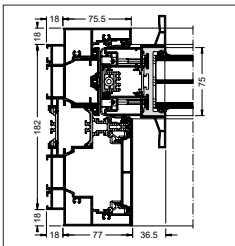
Up to class RC 3

Options

Manual or mechatronic operation
Level threshold
Concealed frame
Can be combined with sun shading
Numerous design features



All the latest information:
www.schueco.de/as-pd-75-hi-performance-line-qr-en



Schüco DCS SmartTouch

Intelligent door management system

- State-of-the-art door communication and effective access control with a single, high-quality module
- Simple and convenient configuration, commissioning, operation and control via the Schüco app for iOS and android mobile devices
- Suitable for newbuild and renovation projects as it can be retrofitted using WLAN or the existing 2-wire technology



Technical data

Features and benefits

As an intelligent door management system, Schüco DCS SmartTouch combines cutting-edge audio and video communication with integrated access control.

Touchscreen with integrated HD camera, microphone, doorbell, night vision and brightness sensor

Simple and convenient configuration, commissioning, operation and control via the Schüco app

Can also be combined with other Schüco DCS modules

Area of use

For external use in large commercial or residential projects

Dimensions

W x H x D: 70 mm x 212 mm x 44 mm

Communication method

Cloud, WLAN, LAN, Session Initiation Protocol (SIP)

Protection rating

IP54

Installation type

Profile-integrated, surface-mounted or flush-mounted



All the latest information:
www.schueco.de/dcs-smarttouch-en



Schüco DCS EntryGo access control

Convenient and secure access control for every door

- Integrated in the outer frame and flush-fitted installation in Schüco doors for high standards in design and functionality
- Cloud-based system allows stand alone and networked doors: ideal for all project types and sizes
- Scalable, modular system that can be retrofitted in the event of a change of use or renovation



Technical data

Features and benefits

Schüco DCS EntryGo enables secure, flexible access control: via a code, RFID or smartphone as an access medium as well as via a flexibly configurable multi-ISO RFID/BLE reader unit for standard RFID technologies

Web-based central platform for managing and assigning authorisations

Profile-integrated, flush-fitted installation of the modules in Schüco doors or can be wall-mounted next to any door when retrofitting

Control unit for access control is positioned outside of door

For external use in large commercial or residential projects

W x H x D: 70 mm x 70 mm x 40 mm

WLAN, LAN, Bluetooth

IP54

Profile-integrated, surface-mounted or flush-mounted

Area of use

Dimensions

Communication method

Protection rating

Installation type



Schüco Focusing window system

Sustainable PVC-U window system

- Sustainable profile system due to the inner core made from recycled material and its economical design
- Modern look with clean, minimalist, straight lines
- Can be used for newbuilds and renovation projects



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.030 W/mK and
U_g value of 0.5 W/(m²K)
U_g value of 0.7 W/(m²K)

Sound reduction of glass
R_w value of glass of 37 dB
R_w value of glass of 42 dB
R_w value of glass of 45 dB
R_w value of glass of 50 dB

Burglar resistance

Options

Outer frame: 10 mm to 48 mm
Vent frame: 16 mm to 54 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.77 W/(m²K)
U_w value of 0.90 W/(m²K)

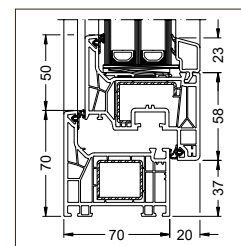
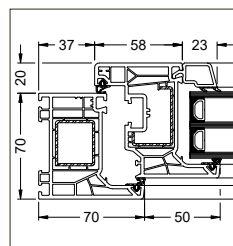
Sound reduction of unit
R_w value of 41 dB
R_w value of 44 dB
R_w value of 45 dB
R_w value of 48 dB

Up to class RC 2

Barrier-free level or standard threshold (20 mm)
Surface finish options
Integrated ventilation solution
Smart home compatible
Can also be used as a window door



All the latest information:
www.schueco.de/focusing-qr-en



Schüco Symbiotic window system

Hybrid design system for PVC-U windows

- With its medium basic depth and different glazing options it is suitable for both modernisation projects and newbuilds
- Minimal face width of 110 mm creates a slender appearance for maximum light penetration
- Can be combined with Schüco aluminium window systems in a single building project thanks to the identical visual design



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.030 W/mK and
U_g value of 0.5 W/(m²K)
U_g value of 0.7 W/(m²K)

Sound reduction of glass
R_w value of glass of 36 dB
R_w value of glass of 42 dB
R_w value of glass of 45 dB
R_w value of glass of 50 dB

Burglar resistance

Options

Outer frame: 40 mm to 54 mm
Vent frame: 40 mm to 54 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.73 W/(m²K)
U_w value of 0.90 W/(m²K)

Sound reduction of unit
R_w value of 35 dB
R_w value of 44 dB
R_w value of 46 dB
R_w value of 48 dB

Up to class RC 2

Barrier-free level or standard threshold (20 mm)

Surface finish options

Safety barrier

Integrated ventilation solution

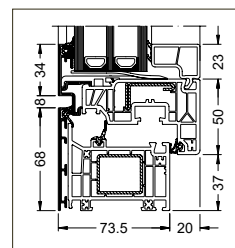
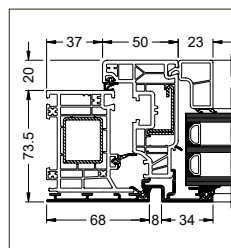
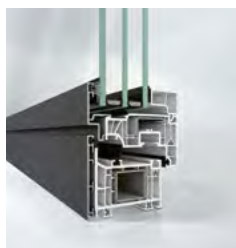
Can also be used as a window door

Integralmaster

Smart home compatible



All the latest information:
www.schueco.de/symbiotic-qr-en



Schüco Living 82 MD window system

Highly thermally insulated premium PVC-U series

- Suitable for newbuild and modernisation projects
- Passive house window system certified by ift Rosenheim (ift guideline WA15/2)
- Range of unit versions and opening types available



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.030 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.032 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass

R_w value of glass of 36 dB
 R_w value of glass of 42 dB
 R_w value of glass of 45 dB
 R_w value of glass of 50 dB

Burglar resistance

Options

Outer frame: 16 mm to 54 mm
Vent frame: 16 mm to 54 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.74 W/(m²K)
 U_w value of 0.90 W/(m²K)
 U_w value of 1.1 W/(m²K)

Sound reduction of unit

R_w value of 39 dB
 R_w value of 43 dB
 R_w value of 45 dB
 R_w value of 47 dB

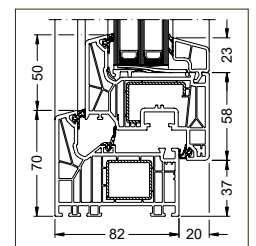
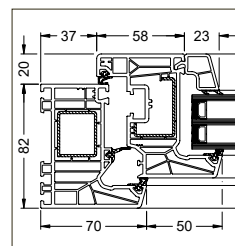
Up to class RC 2

Vent contours

Barrier-free level or standard threshold (20 mm)
Surface finish options
Safety barrier
Integrated ventilation solutions
Can also be used as a window door
Smart home compatible



All the latest information:
www.schueco.de/living-qr-en



Schüco LivingSlide-e Panorama Design lift-and-slide system

Automated premium PVC-U lift-and-slide door

- Can be used in newbuilds and renovation projects thanks to the frame trim basic depth of 194 mm
- Maximum design freedom for the surface finish with over 300 different foils including woodgrain finishes, metallic and single colours as well as aluminium cover caps from the Schüco TopAlu series.
- Can be designed as a completely barrier-free system with a level threshold



Technical data

Vent sizes

Maximum size W x H: 3215 mm x 2668 mm

Vent weights

Up to 400 kg

Face width of interlock section

106 mm

Thermal insulation of glass
with Psi value of 0.030 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.032 W/mK and
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 4000 mm x 2300 mm)

U_w value of 0.74 W/(m²K)
 U_w value of 0.89 W/(m²K)

U_w value of 1.1 W/(m²K)

Sound reduction of glass

R_w value of glass of 33 dB
 R_w value of glass of 36 dB
 R_w value of glass of 42 dB
 R_w value of glass of 47 dB
 R_w value of glass of 50 dB

Sound reduction of unit

R_w value of 33 dB
 R_w value of 36 dB
 R_w value of 39 dB
 R_w value of 43 dB
 R_w value of 45 dB

Burglar resistance

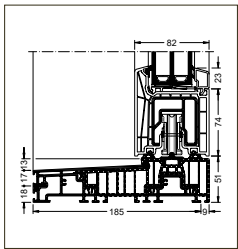
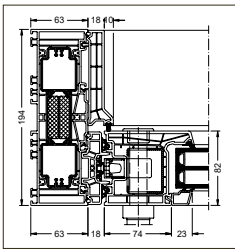
Up to class RC 2

Options

Barrier-free level or standard threshold (20 mm)
Panoramic fixed light
Automation
Schüco SmartClose
Schüco SoftLift
Schüco SoftHandle
Surface finish options



All the latest information:
www.schueco.de/livingslide-qv-en



Janisol HI door system

Efficient burglar resistance in RC 2

- Extensive design options for RC 2 solutions with glass or panel infills and sheet metal clad versions
- Comprehensive lock functions including electric and manual operation enable a wide scope of application
- Optional version with concealed glazing bar screw-fixing



Technical data

Glass or infill thicknesses

Outer frame: 24 mm to 57 mm
Leaf frame: 24 mm to 57 mm

Clear opening dimension

Maximum size W x H:
1360 mm x 2992 mm (single-leaf), 2740 mm x 2992 mm (double-leaf)

Thermal insulation glass
with Psi value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 1230 mm x 2180 mm)

U_d value of 0.9 W/(m²K)
 U_d value of 1.0 W/(m²K)
 U_d value of 1.3 W/(m²K)

Sound reduction of glass
 R_w value of glass of 49 dB

Sound reduction of unit
 R_w value of 45 dB

Burglar resistance

Up to class RC 3 – with panic function

Material

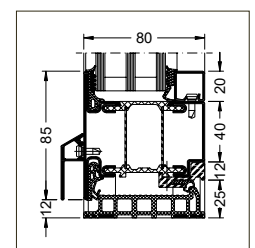
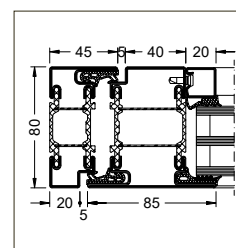
Steel

Options

Also available as a sheet metal clad door, flush-fitted on both sides
Suitable for use as an insert unit in mullion/transom façade systems



All the latest information:
www.schueco.de/janisol-hi-tueren-en



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Schüco Perfect





All-in-one system for windows and sliding doors



Schüco Perfect promises maximum flexibility with maximum standardisation and ensures that a building project is cost-effective.

High planning reliability with minimal planning work: This is the promise from Schüco Perfect, the reliable complete solution for windows, patio doors and lift-and-slide doors.

The principle of Schüco Perfect is easily explained: picture a modular system with which you can perfectly close each opening in the building structure with windows or sliding doors. The area of application ranges from residential homes to commercial buildings and even special industrial applications, and the system can be used in both newbuilds and renovations. A series of popular add-on components is available for an individual design, such as sun shading, flyscreens, safety barriers and thresholds. All of the options are available individually and in various combinations, in order to adapt Schüco Perfect to the precise requirements of your building project.

Everything works in harmony

Replacing or retrofitting the add-ons is straightforward because the attachment points are identical. In the event of a conversion, for example, an external blind can be replaced with a roller shutter, or vice versa. The surface texture and colour of the individual units are identical, which always ensures a homogeneous, stylish appearance.

100% cross-trade

Schüco Perfect also offers everything from a single source. What this means for you as part of the construction process is that there is no additional planning and no additional trades required, as Schüco Perfect is always constructed from the same tested, modular system components. This makes implementation planning easy, secure and fast. The complete solution is currently available as a window and sliding system – as Schüco AWS 75.SI+ Perfect and Schüco ASE 60/80.HI Perfect, made from aluminium, and as Schüco Living 82 MD Perfect and Schüco LivingSlide Perfect, made from PVC-U.



Find out more
All the latest information
about Schüco Perfect:
www.schueco.de/perfect-en

Tested modular system

Schüco Perfect is comprised of popular additional components that can be selected individually and combined. All of them can be replaced and retrofitted. The colour and surface structure of all add-ons selected perfectly match the window and sliding systems.

Sun shading

From transparent to opaque: an external blind (for targeted daylight control and complete black out), a roller shutter and textile Zip Design Screen sun shading (for high performance and weather and wind resistance).



Floor seal

Functional design: choose between a stylish window sill and a level threshold with drainage channel. A version with a 20 mm threshold is also available. The patented Schüco Perfect drainage system reliably bridges all the gaps between trades.



Flyscreen

Insects remain outside, fresh air is let in: the flyscreen can be installed either as a vertical roller blind or as a horizontal pleated blind.



Safety barrier

Safe and aesthetic: Schüco Perfect offers safety barriers in an integrated glass or balustrade design.



Modern, high-quality, timeless: Schüco Perfect stands out in every configuration. This is ensured by the particularly narrow face widths, maximum glass areas and the uniform appearance of the complete solution. The minimalist window sills can be attached without the need for additional screws.

In practice, the Schüco Perfect complete solution promises reliable planning above all, as the modular construction minimises the work required to coordinate between trades.

Schüco Perfect AWS 75.SI+ window system

Merging the entire system into one unit

- Identical attachment details for different configurations of the Schüco unit make the planning of the building project more simple and reliable
- High degree of planning reliability with minimum planning work
- Everything from a single source, no gaps between trades



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Ψ value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Ψ value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 35 dB
 R_w value of glass of 42 dB
 R_w value of glass of 51 dB

Burglar resistance

Options

Outer frame: 18 mm to 52 mm
Vent frame: 18 mm to 61 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.80 W/(m²K)
 U_w value of 0.94 W/(m²K)
 U_w value of 1.18 W/(m²K)

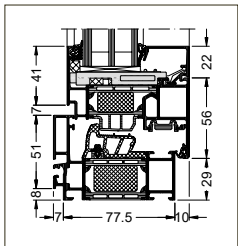
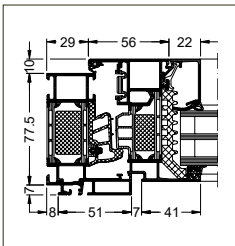
Sound reduction of unit
 R_w value of 37 dB
 R_w value of 41 dB
 R_w value of 48 dB

Up to class RC 3

Barrier-free level threshold
For use as a SHEVS window or as an insert unit in mullion/transom façade systems
Optimised thermal insulation
Ribbon window



All the latest information:
www.schueco.de/perfect-en



Schüco Perfect ASE 80.HI sliding and lift-and-slide system

Reliable complete solution for every opening in the building structure

- As the attachment details for the different configurations of the Schüco Perfect unit are identical, the planning of the entire building project is significantly more simple and reliable
- Quick and simplified implementation planning thanks to the modular system – with maximum individuality
- High degree of planning reliability with minimum planning work, even for sliding systems



Technical data

Vent sizes

Maximum size W x H: 3500 mm x 3200 mm or 3200 mm x 3500 mm

Vent weights

Up to 500 kg

Face width of interlock section

40 mm, 102 mm or 112 mm

Thermal insulation of glass
with Psi value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H: 5000 mm x 3000 mm)

U_w value of 0.78 W/(m²K)
 U_w value of 0.95 W/(m²K)

U_w value of 1.21 W/(m²K)

Sound reduction of glass

R_w value of glass of 45 dB
 R_w value of glass of 44 dB
 R_w value of glass of 50 dB

Sound reduction of unit

R_w value of 40 dB
 R_w value of 41 dB
 R_w value of 43 dB

Burglar resistance

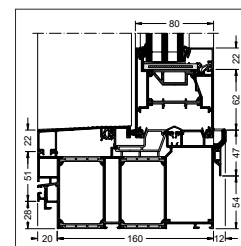
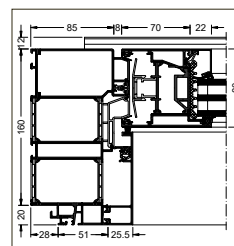
Up to class RC 3

Options

Manual operation
Level threshold



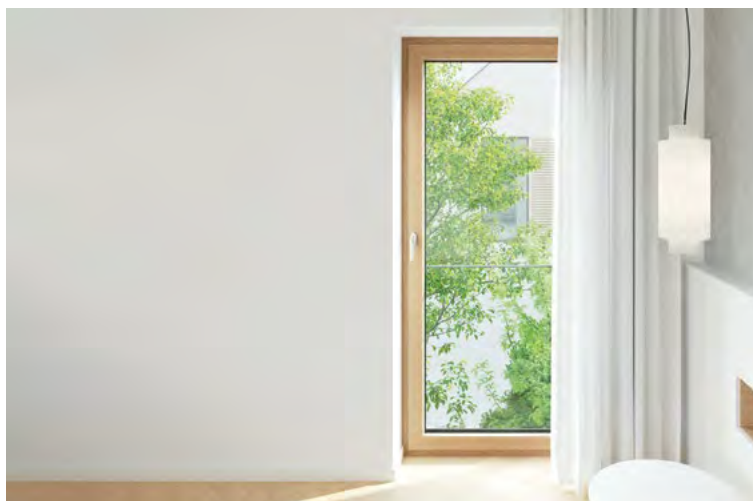
All the latest information:
www.schueco.de/perfect-en



Schüco Living Perfect window system

All-in-one window system

- Quick and simplified implementation planning thanks to the modular system
- One surface finish for all building parts and no colour or texture differences thanks to the uniform coating
- Components that can be upgraded and retrofitted: sun shading (external blind, roller shutter and zip screen) and flyscreens (vertical roller blinds or horizontal sliding pleated blinds)



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Ψ value of 0.030 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Ψ value of 0.032 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 36 dB
 R_w value of glass of 42 dB
 R_w value of glass of 45 dB
 R_w value of glass of 50 dB

Burglar resistance

Options

Outer frame: 16 mm to 54 mm
Vent frame: 16 mm to 54 mm

Thermal insulation of unit (unit size W x H: 1230 mm x 1480 mm)

U_w value of 0.74 W/(m²K)
 U_w value of 0.90 W/(m²K)

U_w value of 1.1 W/(m²K)

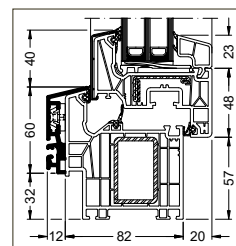
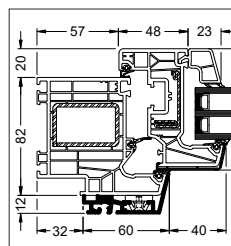
Sound reduction of unit
 R_w value of 39 dB
 R_w value of 43 dB
 R_w value of 45 dB
 R_w value of 47 dB

Up to class RC 2

Vent contours
Barrier-free level or standard threshold (20 mm)
Surface finish options
Safety barrier
Integrated ventilation solutions
Can also be used as a window door



All the latest information:
www.schueco.de/perfect-en



Schüco LivIngSlide Perfect lift-and-slide system

All-in-one lift-and-slide system

- Quick and simplified implementation planning thanks to the modular system
- One surface finish for all building parts and no colour or texture differences thanks to the uniform coating
- Components that can be upgraded and retrofitted: sun shading (external blind, roller shutter and zip screen) and flyscreens (vertical roller blinds or horizontal sliding pleated blinds)



Technical data

Vent sizes

Maximum size W x H: 3215 mm x 2668 mm

Vent weights

Up to 400 kg

Face width of interlock section

106 mm

Thermal insulation of glass
with Psi value of 0.030 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.032 W/mK and
 U_g value of 1.0 W/(m²K)

Thermal insulation of unit (unit size W x H 4000 mm x 2300 mm)

U_w value of 0.74 W/(m²K)
 U_w value of 0.89 W/(m²K)

U_w value of 1.1 W/(m²K)

Sound reduction of glass

R_w value of glass of 33 dB
 R_w value of glass of 36 dB
 R_w value of glass of 42 dB
 R_w value of glass of 47 dB
 R_w value of glass of 50 dB

Sound reduction of unit

R_w value of 33 dB
 R_w value of 36 dB
 R_w value of 39 dB
 R_w value of 43 dB
 R_w value of 45 dB

Burglar resistance

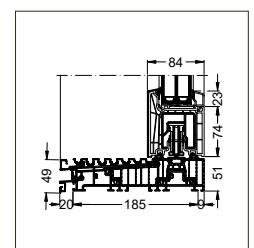
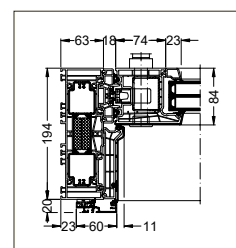
Up to class RC 2

Options

Barrier-free level or standard threshold (20 mm)
Panoramic fixed light
Automation
Schüco SmartClose
Schüco SoftLift
Schüco SoftHandle
Surface finish options



All the latest information:
www.schueco.de/perfect-en



Products

Schüco aluminium systems
Schüco PVC-U systems

84
90

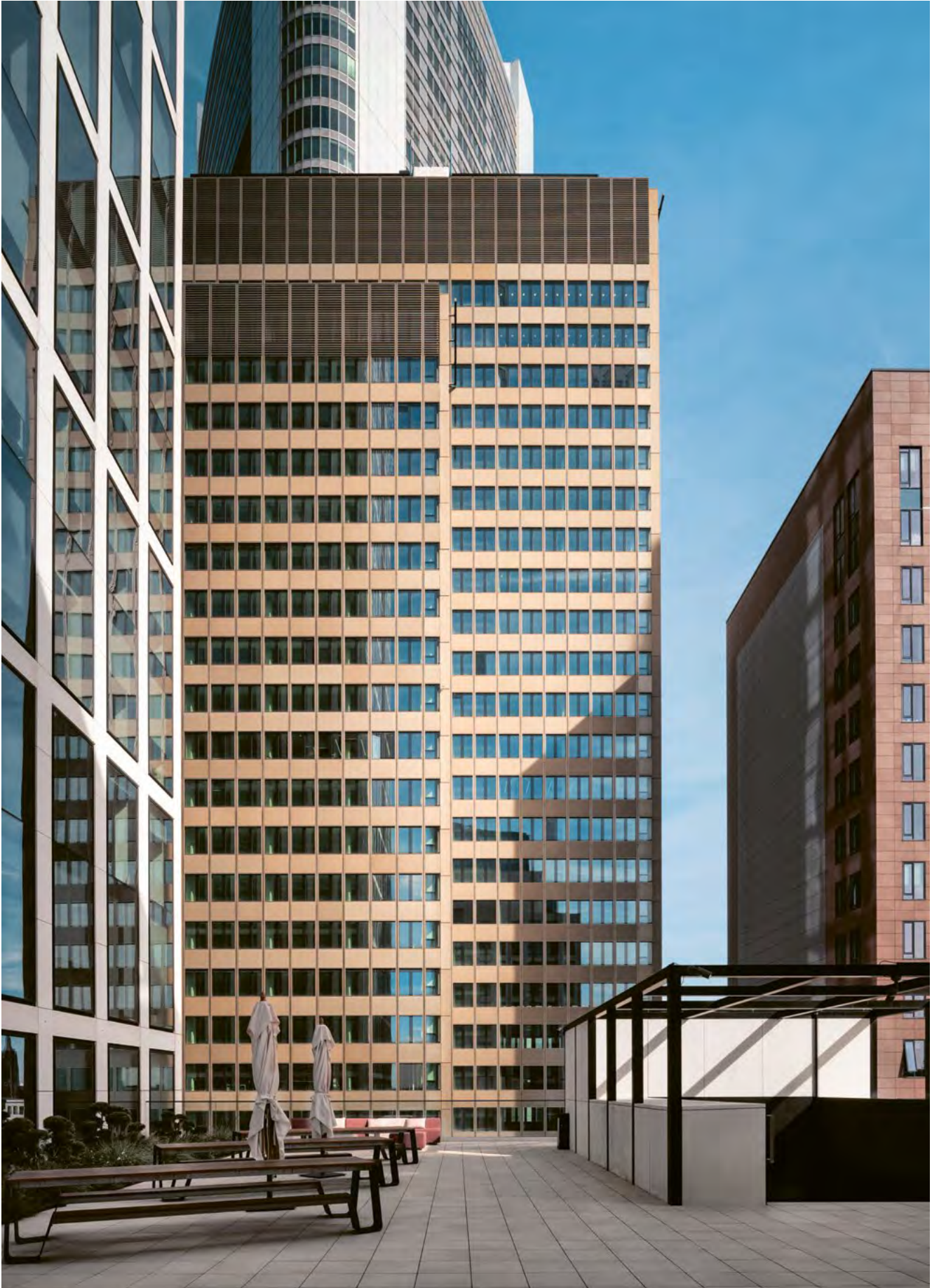


Features



Products for every requirement

Regardless of whether your project is a large commercial building or a single family home – Schüco can offer you the right products for any project type. Our systems set standards in efficiency and sustainability, while offering you state-of-the-art solutions to meet any requirement. Discover our pick of the current highlights on the following pages.



Global Tower, Frankfurt, Germany, © Henning Kreft

Schüco AF UDC 65 façade system

Unitised façade with slimline profile face widths for a slender appearance

- Elegant framed look with a strong, mitred profile system and a narrow face width
- Different unit divisions can be created using flexible arrangements of glazing bars
- High degree of design and construction freedom thanks to the Schüco unitised façade platform



Technical data

Glass or infill thicknesses

40 mm to 64 mm

Thermal insulation of glass

Thermal insulation of unit
On request

Sound reduction of glass

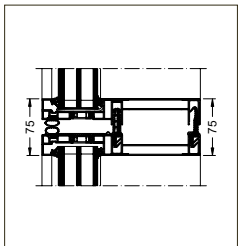
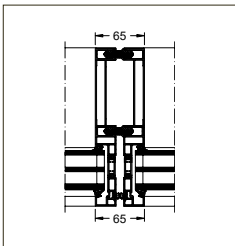
Sound reduction of unit
On request

Burglar resistance

On request

Options

Single or double module width available
Design option with framed look
Different unit divisions created using vertical, horizontal or cruciform glazing bars



Schüco AD UP 75 Commercial door system

Functional commercial doors subject to heavy use

- Low level of complexity for straightforward, economical planning
- Targeted portfolio meets the relevant requirements of the large commercial projects
- Slim face widths that are ideal for combining with the Schüco AWS window system



Technical data

Glass or infill thicknesses

Thermal insulation of glass
with Psi value of 0.031 W/mK and
 U_g value of 0.5 W/(m²K)
 U_g value of 0.7 W/(m²K)
with Psi value of 0.036 W/mK and
 U_g value of 1.0 W/(m²K)

Sound reduction of glass
 R_w value of glass of 36 dB
 R_w value of glass of 43 dB
 R_w value of glass of 46 dB

Burglar resistance

Options

Glass and insert panel infills: 8 mm to 51 mm

Thermal insulation of unit (unit size W x H 1230 mm x 2180 mm)

U_d value of 1.1 W/(m²K)
 U_d value of 1.2 W/(m²K)

U_d value of 1.4 W/(m²K)

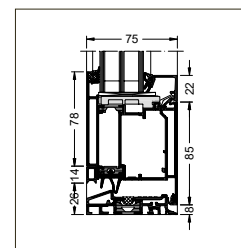
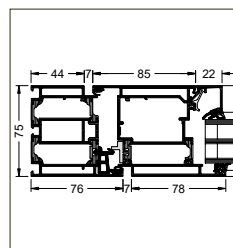
Sound reduction of unit
 R_w value of 38 dB
 R_w value of 41 dB
 R_w value of 42 dB

Up to class RC 3

Single and double-leaf doors
Inward and outward opening
Barrier-free level threshold
LED feature handle



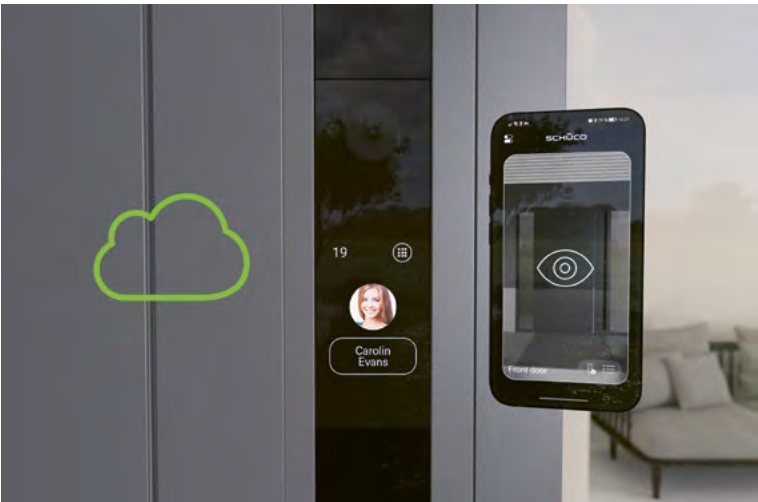
All the latest information:
www.schueco.de/ad-up-commercial-en



Schüco DCS SmartTouch

Intelligent door management system

- State-of-the-art door communication and effective access control with a single, high-quality module
- Simple and convenient configuration, commissioning, operation and control via the Schüco app for iOS and android mobile devices
- Suitable for newbuild and renovation projects as it can be retrofitted using WLAN or the existing 2-wire technology



Technical data

Features and benefits

As an intelligent door management system, Schüco DCS SmartTouch combines cutting-edge audio and video communication with integrated access control

Touchscreen with integrated HD camera, microphone, doorbell, night vision and brightness sensor

Simple and convenient configuration, commissioning, operation and control via the Schüco app

Can also be combined with other Schüco DCS modules

For external use in large commercial or residential projects

W x H x D: 70 mm x 212 mm x 44 mm

Cloud, WLAN, LAN, Session Initiation Protocol (SIP)

IP54

Profile-integrated, surface-mounted or flush-mounted

Area of use

Dimensions

Communication method

Protection rating

Installation type



All the latest information:
www.schueco.de/dcs-smarttouch-en



Schüco SafeGuard

Locking system for convenience and security in the entrance area

- Unique design: completely concealed locking system with no lock cylinder
- New technology: powerful locking in the direction of movement of the door
- Maximum data security: encrypted Bluetooth connection



Technical data

Features and benefits

Fully electronic locking system for keyless locking and unlocking

Locking mechanism is completely concealed

Convenient operation via an intuitive smartphone app: daytime release function, child lock, one-time access, break-in detection, access log and building site mode

Class RC 2 burglar resistance with only two locking points

Emergency battery pack with a minimum of 12 hours run time for smooth operation in the event of power failures

Can be combined with additional types of access control such as the Fingerprint system or code keypad

For use in the AD UP 75, AD UP 90 and AD UP 90.SI door systems

Area of use

External use in residential projects

Dimensions

W x H x D: 32.5 mm x 275 mm x 8.5 mm

Communication method

Bluetooth LE (no cloud solution)

Protection rating

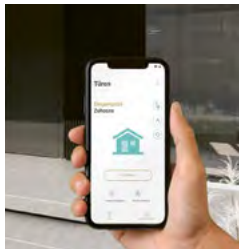
IP54

Installation type

Profile-integrated



All the latest information:
www.schueco.de/safeguard-en



Schüco building automation

Digital networking in buildings offers virtually unlimited possibilities. Be it networked solutions for the luxury residential sector or for office and administration buildings – holistically integrated, networked and smart building components provide greater levels of comfort, higher levels of security and an efficient, sustainable building management system – for newbuilds and renovation projects.

Doors

Schüco Door Control System – EntryGo

The door can be opened via smartphone, RFID or code entry

Schüco Door Control System – SmartTouch

This door management system combines high-quality audio and video communication with integrated access control.

Schüco Fingerprint

Biometric access system with area sensor technology

Schüco emergency exit control – profile-integrated, certified safety technology

Emergency exit control, including key-operated switch and emergency button

Schüco SafeGuard – door locking system

Fully electronic system for locking and unlocking a door makes the lock cylinder redundant



All the latest information:
www.schueco.de/gebaeudeautomation-en

Sun shading

Schüco Perfect control system

Sun shading blinds can be opened and closed using a wireless or cable-connected motor – controlled manually or automatically by means of a smart system



Windows and façade

Schüco TipTronic – profile-integrated mechatronic fittings system

Allows natural, energy-efficient ventilation at the touch of a button

Schüco DriveTec – surface-mounted drive system

Perfect solution for easy retrofitting of Schüco aluminium windows with a wide range of opening types and unit sizes

Magnetic switch

Concealed monitoring of windows, doors, sliding systems and toplights

SHEVS safety system

Available as a compact control unit for stairwells or as a module control unit networked via interfaces for complex smoke extraction scenarios

Schüco Building Skin Control – one system for every unit

A comprehensive platform for the integration, control and monitoring of mechatronic Schüco windows and sliding units

Sliding units

Schüco TipTronic – profile-integrated mechatronic fittings system

Allows quiet, convenient opening and closing at the touch of a button

Ventilation

Schüco VentoAir – self-regulating mechanical ventilator for the window rebate

Without having to operate the window, Schüco VentoAir ensures a basic air exchange

Schüco VentoFrame – self-regulating window ventilator integrated in the outer frame

Perfect for ensuring controlled air exchange that is adapted to suit the room usage and that requires no user intervention

Schüco VentoFrame Asonic – window-integrated ventilation system with a high level of sound reduction

Ensures fully-automated air circulation in buildings without letting in draughts or disruptive external noise through open windows

Schüco VentoTherm Twist – a decentralised, window-integrated ventilation system with incoming air, outgoing air and heat recovery.

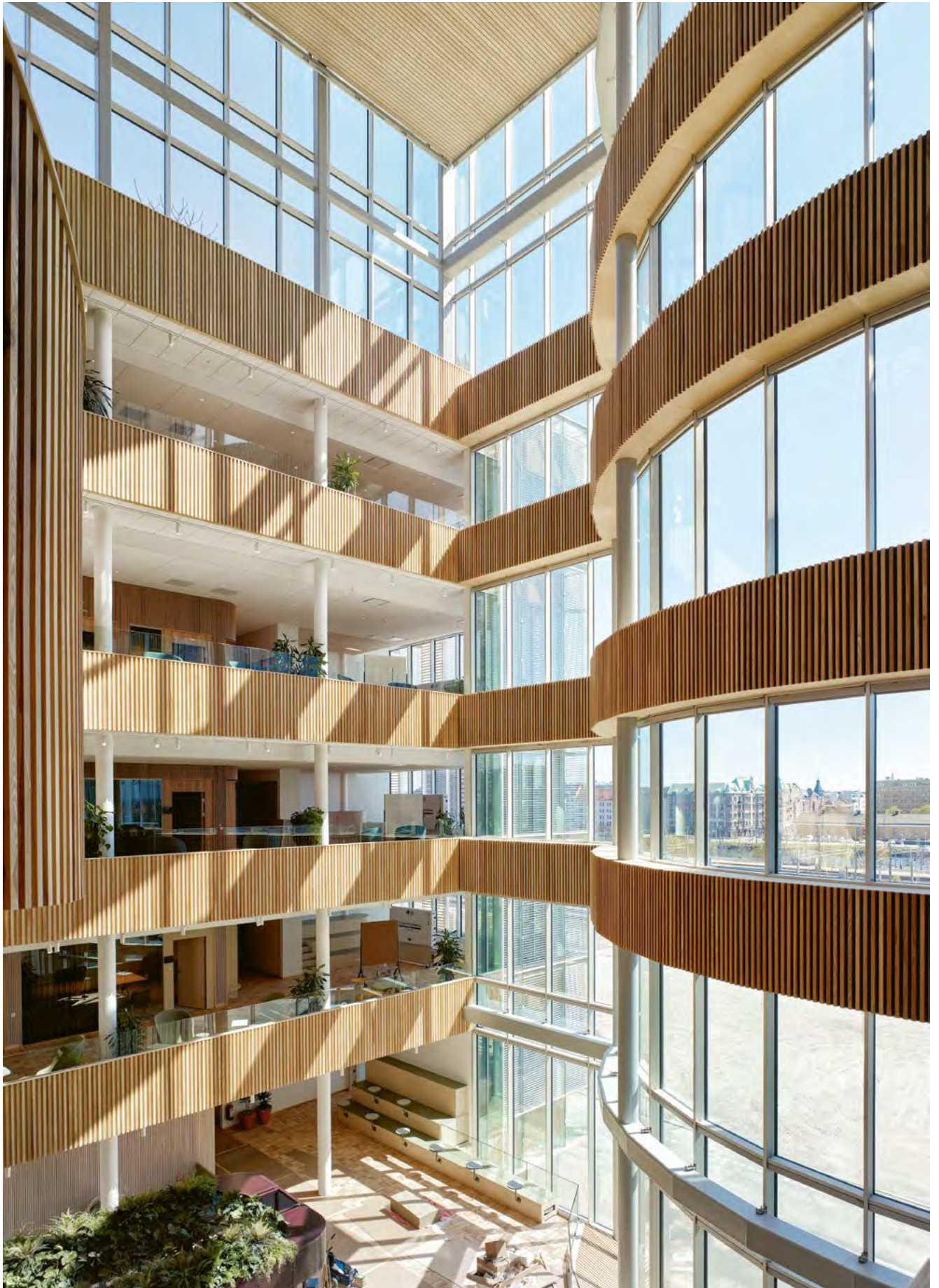
Controlled air exchange for specific rooms without opening the window – can be integrated into Schüco aluminium and PVC-U windows

Schüco wireless sensor

Smart monitoring of opening and closing

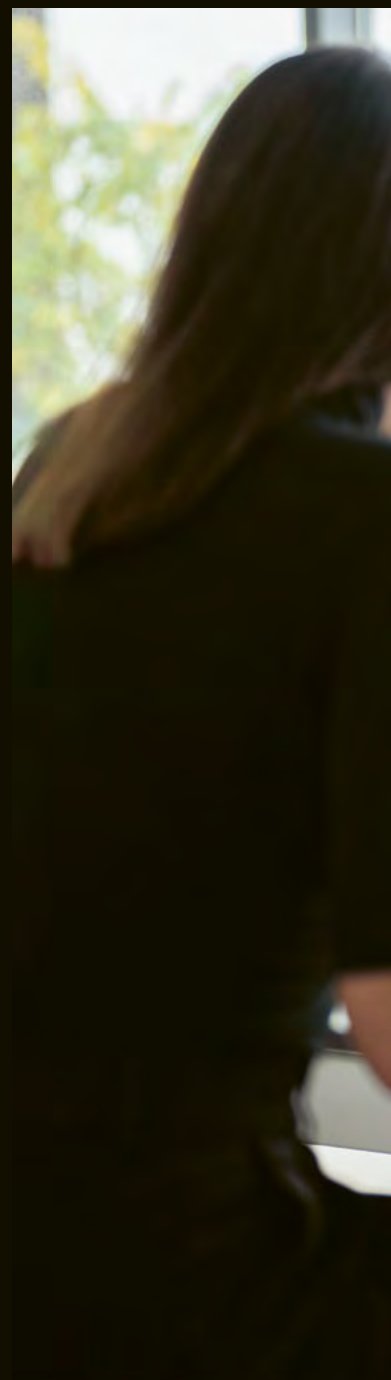


- Concealed integrated solution: no impact on the appearance of the unit
- Highly compatible with conventional smart home systems such as Apple HomePod, Apple TV, Amazon Echo, Google Nest Hub, Samsung SmartThings, etc.
- Suitable for all Schüco PVC-U window and door systems, regardless of fittings



New Nordic Headquarters E.On, Sjustjärnan, Malmö, Sweden © Bert Leandersson, Felix Gerlach

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Schüco showrooms	100



Services



Our support for your construction project

Schüco supports you with a wide variety of services. These services are regularly enhanced and updated to meet your individual needs in the best way possible. On the following pages, you will find a selection of our latest offerings.



Europahafenkopf Zechhaus, Bremen, Germany © cobearchitects

Energy efficiency upgrade

Schüco Service based on drone scans



- Recording of the relevant building data and targeted review by our service engineers
- Use of innovative drone scans to capture thermal images and other data to analyse energy consumption
- Production of a detailed thermographic report combined with a range of recommendations for upgrading the energy efficiency

Schüco Service

Future-proof revitalisation concepts for retaining and increasing value



- For long-term value retention and a visible improvement in the attractiveness of the building
- The existing opening units are efficiently maintained, resulting in replacements where necessary or desired
- Retrofit options provide added comfort, design, user-friendliness, safety and security.



All the latest information:
www.schueco.de/betreiber-en



Istanbul Modern, Istanbul, Türkiye, © Cemal Emden

Schüco Partner Consulting team

Futuristic solutions for your company



- From developing logos to recruiting using social media – we support you with your corporate and recruitment marketing
- We provide individual solutions in many business areas to ensure sustainable success



Morrow, Frankfurt, Germany, © Jean-Luc Valentin

Experiences, information, inspiration

Visit one of our showrooms in Germany





You can experience the Schüco brand live and receive expert advice at all of the Schüco showrooms. Get to know the product range, comprehensive services and digital solutions offered by Schüco through numerous exhibits and samples. In addition to seminars and further training courses, you can also look forward to guest lectures from renowned architects and experts from the construction industry.

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