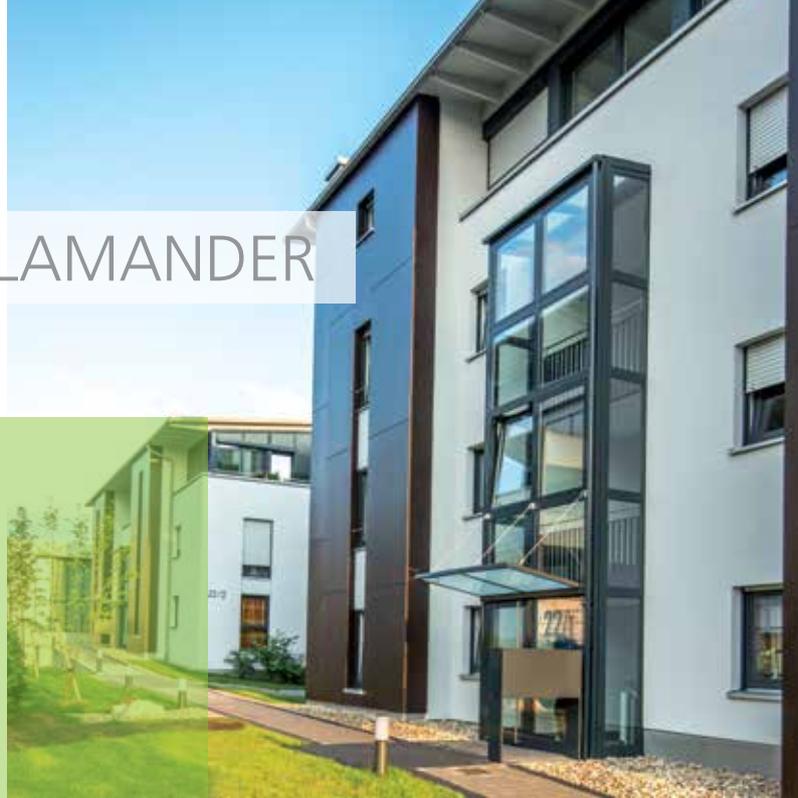


STEP INSIDE
THE WORLD OF SALAMANDER



*Quality window & door systems
of a new generation*



SALAMANDER
WINDOW & DOOR SYSTEMS



FOR THOSE WHO APPRECIATE FINE QUALITY

**Salamander profile systems –
the right decision in many respects:**

- /// Decades of experience in profile manufacturing
- /// Profile design – made in Germany
- /// High-quality materials
- /// Top quality
- /// Continuous production monitoring
- /// Highest profile standards according to RAL guidelines



TOP QUALITY –

DEVELOPED IN GERMANY

Our high quality awareness, continuous monitoring of the raw materials required for manufacturing, and our many years of production expertise are essential for the top quality and durability of our profiles. For several decades, our internationally operating family business headquartered in Germany has manufactured PVC profiles that are designed for extremely high demands as standard. As a result, our profile systems are particularly resistant to external influences such as sun, rain, wind or snow and also feature particularly high mechanical resistance. Only the highest-quality raw materials are used for manufacturing our high-quality profiles. Continuous quality controlled by the Salamander laboratory guarantees a consistently high quality of raw materials and profiles. The whole manufacturing process is continuously monitored based on modern testing processes. A comprehensive quality management system documents our high quality awareness and our responsible approach to the environment and future generations.

First-class knowledge, consistent concepts and many years of production expertise – all these factors combine to form the best basis for the excellent quality of Salamander profile systems.

Quality with Lurchi

Our Lurchi trademark represents durability, clever solutions and quality: First-class knowledge, the Salamander system and design expertise, in connection with expert customer service. These factors are decisive for the excellent quality of our profile systems.



FOR ENERGY-SAVERS

Energy-saving potential at a glance
To calculate how much heat energy and real money you
www.sip-windows.com/energy-calculator

© Fotolia

The German Energy Saving Ordinance (EnEV) for new and renovated buildings prescribes specific maximum values for primary energy requirements and transmission heat loss, in order to reduce CO₂ emissions. Salamander high-quality windows already exceed the specifications of the future EnEV today.

u can save by replacing your old windows, visit:

COLD OUTSIDE,

COSY INDOORS

Light-flooded rooms create a pleasant atmosphere of well-being, even in winter. When the outside temperatures in winter are icy and cold, we like to feel snug and warm at home. However, windows are often referred to as the “weak points” in facades as they can be the cause of considerable heat loss.

Optimum protection against wind & weather

Modern window systems made from high-quality PVC offer a solution. Not only can these windows withstand extreme weather conditions such as hail, heavy rain, wind and snow over long periods, they can also easily cope with significant temperature differences. All Salamander high-quality window profiles are constructed with a modern multi-chamber design and sophisticated sealing systems to provide optimum heat insulation within your own four walls, even in the winter months.

Added bonus for your wallet

And that's not all: Salamander profiles can help you to effectively reduce heating costs because less energy is lost through the windows, while also significantly reducing emissions of harmful substances.

Annual heating oil consumption:

Assumptions:

Window surface area	20 m ²
Heating degree days	
DIN 4108-6	290 days
Degree of usage	0.75
Energy source	Heating oil

U_{w1} old PVC windows

2.8 W/(m²K) =>

Consumption =

524.08 litres of heating oil

U_{w2} new PVC windows according to

EnEV 2014 = 1.3 W/(m²K) =>

Consumption =

243.32 litres of heating oil



FOR THE FEEL-GOOD FACTOR



The smaller the U-value of a window, the less heat is lost to the outside, and therefore the greater the saving in heating costs.

HOT OUTSIDE,

COMFORTABLE INSIDE

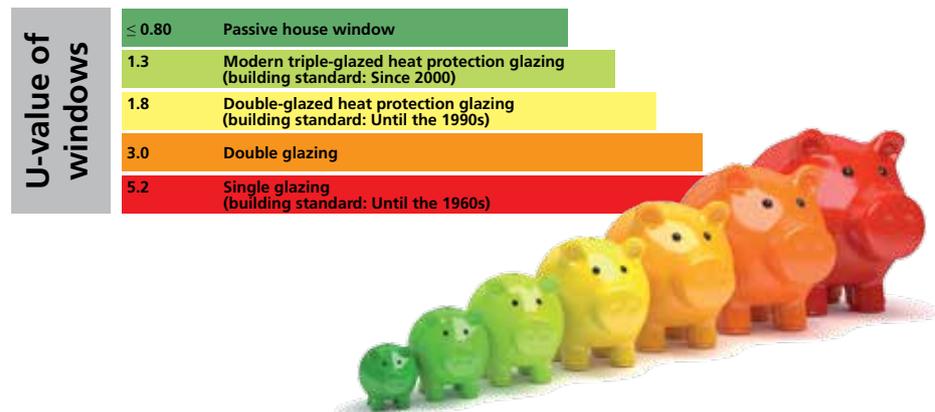
Keep a cool head, even in the summer! Modern high-quality window systems, combined with glazing with a suitable level of sun protection, offer high levels of comfort, even in the summer, as a result of effective heat protection. Sophisticated technical designs prevent heat radiation through the windows. In combination with suitable glazing, intensive sunlight is reflected and absorbed.

The “U-value” of a window – what does it actually mean?

Unless you are an expert in windows, many specifications can be difficult for

the layperson to interpret. Particularly in relation to heat protection, terms such as “heat conductivity”, “heat transfer coefficient” and “thermal resistance” crop up frequently. The most important key figure in relation to heat protection of individual components is the heat transfer coefficient, or “U-value”. The German Energy Saving Ordinance (EnEV) prescribes how much heat is permitted to pass through a new window to the outside. The U-value is calculated in the unit $W(m^2K)$ (= watts per square metre kelvin) and expresses the thermal conductivity of a component.

Insulation properties of windows (= U-value):



FOR AN OPTIMAL ENERGY BALANCE

PASSIVE-HOUSE-COMPATIBLE
COMPONENT

bE System bluEvolution: 82
certified by eph

bE System bluEvolution: 92
certified by ift Rosenheim

Requirements for the passive house:

- /// Annual heating requirement $\leq 15 \text{ kWh}/(\text{m}^2\text{a})$
- /// Primary energy requirement (heating, hot water, ventilation, electricity) $< 120 \text{ kWh}/(\text{m}^2\text{a})$
- /// Infiltration air exchange rate at 50 Pascal $< 0.6/\text{h}$



PASSIVE HOUSE WINDOWS:

PREVENTING HEAT LOSS

A passive house is a building that is characterised by a particularly energy-saving design, very environmentally friendly features and a high level of efficiency. The aim of the house is to reduce heat loss and to make optimum use of existing energy without a conventional heating system.

In a passive house, the focus is on the interaction between the different energy-saving components used. Energy-saving high-quality window systems therefore play a decisive role in a passive house. The window systems used are certified by renowned testing institutes as **“passive-house compatible components”** if their U_w values are $\leq 0.80 \text{ W}/(\text{m}^2\text{K})$. The

Salamander profile series bluEvolution 82 and bluEvolution 92 have by far exceeded these requirements. Salamander passive house windows provide optimum insulation for the building envelope. Through the use of specially heat-optimised frame and casement designs with a thermally improved edge seal, together with heat-insulating triple glazing, heating and energy costs can be optimally saved. As a result, passive house windows can reduce heat loss, even if large glass surfaces are used. At the same time, passive house windows also offer solar heat gain in the winter months from solar radiation – for maximum comfort within your own four walls and a positive energy balance.



 System bluEvolution: 82



 System bluEvolution: 92

FOR SECURITY LOVERS

TESTED TO RC 3

System Salamander:
Streamline MD

With profiles from Salamander, you can rely on the following:

- /// All Salamander window systems have resistance class RC 2
- /// Resistance class RC 3 can be realised with the use of additional measures
- /// The use of security coatings effectively prevents closed windows or doors from being prised open
- /// Laminated safety glass with specialist film prevents even the strongest burglars
- /// Specialist safety coatings provide optimal burglary protection
- /// Lockable handles offer reliable protection against unauthorised opening
- /// The replacement of the usual three strike plates with a single steel faceplate provides effective protection against break-ins through doors
- /// Custom adaptation of security equipment according to security requirements with specific locking cylinders

SAFE & PROTECTED

IN YOUR OWN FOUR WALLS

Nowadays, burglaries have unfortunately become part of everyday life, with the number of break-ins doubling in the last 30 years. Windows, balcony doors and patio doors are usually the weak points. Although most burglaries occur in the evening or at night, around 40% of house burglaries take place during the day. The first minutes are often decisive: If a thief is not able to breach security features within the first few minutes, the attempt is often aborted.

Modern security technology

Today, however, an increasing number of aborted burglaries is also being recorded. The reasons for this include the security technology integrated in windows and doors. Therefore, all Salamander high-

quality profiles contain excellent security features hidden from view within the profiles, which protect you and your family against unwelcome visitors. All Salamander profile systems have a high installation depth, combined with modern multi-chamber technology and large steel reinforcements. This ensures permanent secure functioning, maximum stability and reliable resistance. The generously proportioned rebate depth in the casement also enables the use of safety glass. The basic safety of your windows can be optionally upgraded with the use of special fittings, safety glass, and lockable handles. Whether in a new building or renovating an existing building – you can rely on Salamander window profiles.

Resistance class according to DIN EN 1627	Type and procedure of burglar
RC 1	Basic protection against attempted forced entry with physical violence
RC 2	Casual thieves with simple tools
RC 3	Attempted forced entry by a burglar with a second screwdriver and crowbar

FOR THAT SAFE AND SOUND FEELING

AIRCRAFT NOISE
TRAFFIC NOISE
INDUSTRIAL NOISE
RAILWAY NOISE
MACHINERY NOISE

Noise protection table

External noise level

Recommended maximum noise level

Recommended sound insulation value* of the window

Residential area approx. 60 dB



Sleeping	25-30 dB	33 dB
Living	30-35 dB	27 dB
Working	35-50 dB	15 dB

Town centre approx. 70 dB



Sleeping	25-30 dB	43 dB
Living	30-35 dB	37 dB
Working	35-50 dB	25 dB

Industrial estate over 70 dB



Sleeping	25-30 dB	47 dB
Living	30-35 dB	43 dB
Working	35-50 dB	30 dB

*sound level that the window insulates

All window systems from Salamander achieve the currently required sound insulation values according to DIN 4109.



LEAVE THE NOISE

WHERE IT IS – OUTSIDE

Long-term exposure to noise can damage your health. It can be a trigger for sleep and concentration disturbances, blood pressure problems and cardiac arrhythmias. Unfortunately, not all residential locations meet your requirements for quiet. Particularly in the city, we are often exposed to noise pollution from busy roads, railways, or airport flight paths.

High-quality profiles and glazing are essential

When selecting the correct windows, as well as the choice of glazing, the quality of the profiles also has a significant effect on sound insulation properties. The structure of the profile design, the number of profile chambers and the sealing levels are all major factors for effective sound insulation. The window frame and glaz-

ing work together, so ultimately the noise insulation properties of the whole window are only as good as the interaction between the two units. Correct installation by a qualified installation company is also a decisive factor.

Effective shielding

Salamander high-quality window systems offer effective solutions in this regard, too. The innovative profile designs with multi-chamber technology and up to three sealing levels contribute to an improvement in sound insulation properties and an increase in your living comfort. Depending on the noise intensity, they can be optionally fitted with sound insulation glass to achieve maximum sound insulation up to 47 dB.

FOR COLOUR FANS

Golden-Oak 51
Nußbaum 21

Mooreiche 25
Mahagoni 26

Anthrazitgrau 70
Birke rosé 44 Premium

Polareiche 43 Premium
Vintage Oak 41 Premium

Montana 63 Premium
Teak arte 65 Premium

Vermont 60 Premium
Cheyenne 64 Premium

Meranti 61 Premium
Tiama 62 Premium

Oregon 4 -52
Bergkiefer 50

Streifen-Douglasie 27
Weiß Antik 39

Creme 59

Dunkelrot 06
Weinrot 7

Brilliantblau
Stahl

Mo

Metbrush
Met

- /// Wide range of colours and finishes
- /// Custom RAL & special colours available on request
- /// Natural effect wood finishes
- /// Decorative effect for window interior & exterior
- /// Optionally available with light grey or black gaskets

NEW WINDOWS – NEW LOOK

ADDING A SPLASH OF COLOUR

Let your imagination run wild with your window design. However varied your requirements, we have a range of colours and finishes to meet all individual tastes. Whether you want to make a bold statement or use colour to highlight facade elements as an eye-catching feature. From elegant antique white, to mahogany, to illuminating brilliant blue – the Salamander range offers an impressively wide variety of window finishes.

Unite the best of both worlds and combine your PVC windows with the modern appeal of aluminium windows. Due to the improved thermal properties of the frame and casements, the use of PVC windows results in comparatively superior energy characteristic values (U_w) for the whole window.

High-quality wood finishes that reflect the colours of nature lend your facade a particularly sophisticated character and are extremely easy to maintain and care for at the same time.

PVC profiles still look attractive even after many years, since the high-quality film coating acts as an additional protective layer that protects the profiles from the elements.

Discover the creative possibilities and turn your windows into a highlight of your house. Choose from classically elegant, bright and modern, or subtle and traditional. A wide spectrum of colours is available for selection. High-quality wood finishes lend your facade a particularly sophisticated character. Custom RAL and special colours are, of course, also available on request.



* Subject to alterations

FOR DESIGN LOVERS



Mitred, segmental and round arches divided in different ways by glazing bars offer fascinating scope for creative minds.

ENDLESS SCOPE

FOR INSPIRATION

Modern housebuilding

High-quality PVC windows are popular due to their attractive shapes and divisions, and excellent heat protection and sound insulation. They provide interior cosiness and a stylish exterior facade architecture. Our wide range of profile geometries, colours and finishes gives each facade an individual character.

Stylish renovation

We offer a broad pallet of profile geometries and glazing bar systems specifically for the renovation of old windows, which can be used to realise the most varied of window formats and divisions. Replacing

windows in listed buildings is subject to strict constraints and therefore requires delicate intuition for style and accuracy of details. Cautious, careful planning and design is therefore particularly important.

Object architecture

The range of shape and colour variants, versatile specialist solutions and high form stability, functional reliability and service life mean that PVC windows are the ideal component for the object area. You can therefore simply and cost-effectively coordinate your design to suit all architectural conditions and specific object requirements.



Rectangular window with simple glazing bar cross



Classical rectangular window with glazing bars



Round arch window



Round arch window divided by glazing bars



Classical rectangular window



Mitred arch window also as French casement window



Rectangular window with triangle



Rectangular window with skylight



French casement window



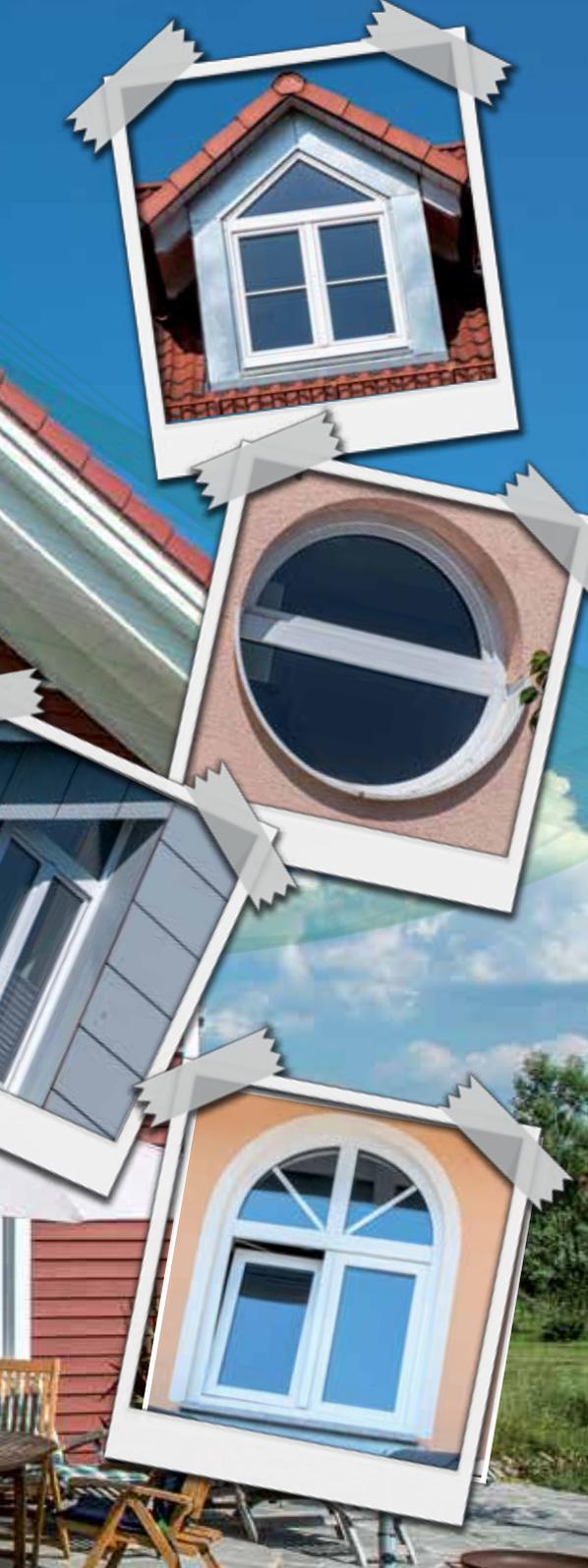
Triangular window



Asymmetrical window



Round window



FOR THE ENVIRONMENTALLY AWARE

© Fotolia

Salamander window systems promote green construction:

- /// Reduced energy consumption
- /// Lower heating costs
- /// Reduction in CO₂ emissions
- /// Sustainable manufacturing
- /// Sophisticated production method
- /// Future-oriented recycling system

100%

RECYCLABLE

Green credentials

Whether a new building or renovation, you can do a lot for your environment. Modern window systems make a significant contribution to reducing energy consumption and heating costs and the associated reduction of CO₂ emissions.

Closed recycling cycle

As a founding member of the "Rewindo" recycling initiative, protecting resources is very close to our hearts at Salamander. From the selection of raw materials, to resource-sparing profile manufacturing, through to further processing and fi-

nal assembly by qualified expert partners. Disposal and recycling of materials complete the closed recycling cycle.

100% recyclable

The main ecological advantage of PVC is its ability to be 100% recycled. Salamander deliberately incorporates a certain proportion of recycled materials into its profile systems. This means that old windows and doors become valuable raw materials again and can be used to manufacture new profiles with no impact on quality.



FOR PRIVACY & SUN PROTECTION



- /// Privacy & sun protection
- /// Weather protection
- /// Useable as external or internal folding shutters
- /// Fixed or movable slats
- /// Long service life
- /// Easy to maintain



FOLDING SHUTTER SYSTEM –

ATTRACTIVE PRIVACY PROTECTION

Previously used as protection against wind and weather – shutters are now enjoying a renaissance as a modern design feature. Folding shutters are not only an attractive feature on country houses or in stylised renovations, but are also used as interesting design elements in modern architecture. They can be used flexibly to offer privacy and protection against sun and weather conditions, and offer numerous impressive advantages. Salamander folding shutter systems can be used as internal or external folding shutters. Movable

slats enable you to smoothly and individually adjust the light from fully or partially transparent to black-out. Folding shutters with fixed slats also offer conventional privacy protection. Salamander folding shutter systems will meet your requirements for optimum function and modern design. They are a long-lasting and easily maintainable alternative to conventional wooden folding shutters. Design your own cosy atmosphere while also maintaining your security.

SLIDING SHUTTER SYSTEM –

VARIABLE SUN PROTECTION

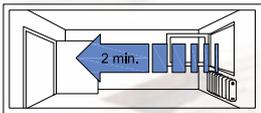
Sliding shutter systems are the modern solution for variable sun and privacy protection. As a modern design feature, they combine comfort and shade at a high

level. Sliding shutter systems can also be operated with solar energy, making them particularly environmentally friendly and cost-efficient.

FOR AN OPTIMUM ROOM CLIMATE

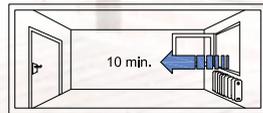


What is the best way to ventilate?



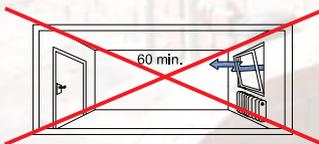
Cross ventilation

Fully open the windows and doors in one room for a short time (creating a "draught"). In the winter months, cross ventilation 3 – 4 times a day.



Short, intense ventilation

Completely open the windows in one room for a short time. In the winter months, short, intense ventilation 3 – 4 times a day.



Tilt ventilation

Unnecessary heat loss due to cooled window jambs and risk of moisture damage.

FRESH AIR – EVEN WITH

WINDOWS CLOSED

Did you know that we spend over 90% of our lifetime in enclosed rooms? To allow us to breathe freely every day, a ventilation device integrated in the window is a practical aid, which also saves energy at the same time.

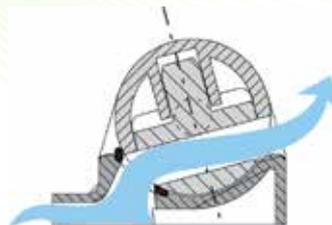
A plus for your health

Modern building materials, new paint or central heating can be possible causes of “stuffy air” in living spaces. Sometimes, these vapours go unnoticed due to a lack of odour and can lead to annoying headaches, difficulty concentrating, or sleep disturbances. In addition, the usual water vapours are caused by cooking, washing and cleaning tasks. An accumulation of moisture in living spaces can provide a nutrient base for the build-up of mould. This is not only extremely unsightly, but can

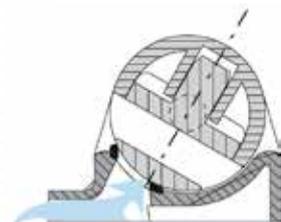
also be harmful to health if long periods of time are spent in the affected rooms. A controlled, proper ventilation routine not only provides a good climate in the room, but also offers long-term protection against high energy losses.

Energy-saving, design & comfort

Because manual ventilation is often difficult to realise while out at work, Salamander offers the climAktiv^{Plus} window rebate ventilator. climAktiv^{Plus} is an energy-saving passive ventilator that can be integrated almost invisibly in the window. It ensures proper basic ventilation and effectively prevents moisture accumulation in the room, even when the window is closed. The air supply can also be manually controlled using the optional twist lock.



Twist lock opened



Twist lock closed

SALAMANDER SYSTEM: STREAMLINE AD



Technical data:

5 or 7-chamber profile
Construction depth: 76 mm
Up to $U_w = 0.77 \text{ W/(m}^2\text{K)}$
possible, depending on glazing
Sound insulation up to 46 dB
Burglary protection to RC 2

Application areas:

Turning windows, tilting windows, tilt-and-turn windows,
secondary entrance doors, folding or tilt-and-slide doors

Generous rebate depth ///

Enables the use of all conventional window glazing such as insulating, safety, sound insulation, or specialist glazing up to 48 mm and 50 mm "DGS®" adhesive tape

Large steel reinforcements ///

Ensure excellent stability of the PVC windows

Lower energy costs ///

With their 5 or 7-chamber system combined with two sealing levels, the windows continuously offer ideal heat and sound insulation

Easy to maintain & weather-resistant ///

Due to brand-name PVC with highly compressed surface structure



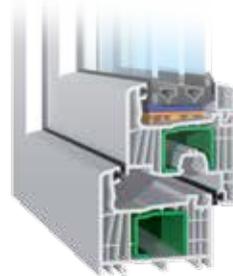
Streamline AD recessed ///



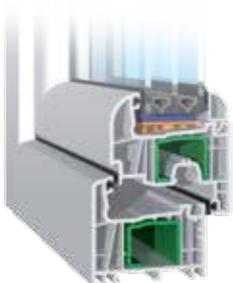
Streamline AD with aluminium cladding ///



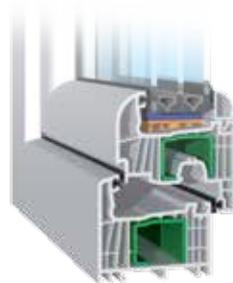
Streamline AD semi-recessed ///



Streamline AD 7-chamber recessed ///



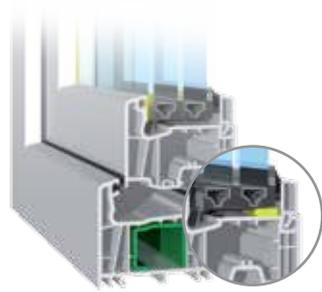
Streamline AD round ///



Streamline AD 7-chamber round ///



Streamline AD entrance door ///



Streamline AD adhesive casement ///

LIVING COMFORT AT ITS BEST

For those who value the maximum in living comfort, the Streamline AD system offers the optimum solution for a stylish living ambience. The attractive high-quality profile is not only a visual highlight, but also ensures a pleasant living atmosphere all year round – and with reduced energy costs. Advanced window technology not only ensures a high level of security, heat and sound insulation, but also sets new standards in durability and ease of maintenance. In fact, everything you need to feel thoroughly comfortable at home.



SALAMANDER SYSTEM: STREAMLINE MD



Technical data:

5-chamber profile

Construction depth: 76 mm

Up to $U_w = 0.77 \text{ W/(m}^2\text{K)}$

Sound insulation up to 46 dB

Burglary protection to RC 3

Application areas:

Turning windows, tilting windows, tilt-and-turn windows, entrance doors, secondary entrance doors, folding or tilt-and-slide doors

Energy efficiency ///

Three surrounding sealing levels offer optimum sealing and ideal protection against even the most extreme weather conditions. Streamline MD can therefore effectively save heating costs

Chamber structure ///

Large-dimensioned pre-chamber areas ensure high thermal stability and optimal drainage

Reliable security ///

Large steel reinforcements in the frame and casement ensure optimal, reliable security and durable function

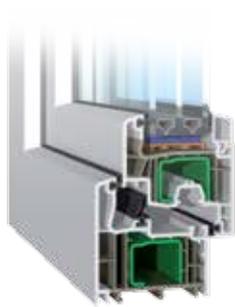
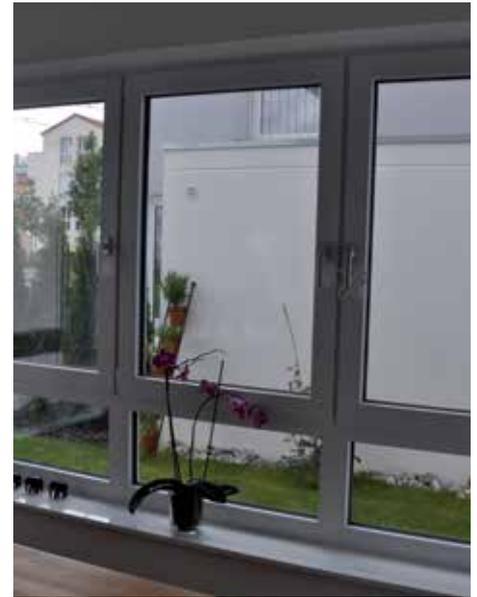
Easy-care materials ///

Made from high-quality, highly-compressed PVC, the profiles are particularly easy to maintain and do not require a lot of servicing

ENERGY EFFICIENCY

AT THE HIGHEST LEVEL

Say goodbye to high energy costs and give your wallet a break. The Streamline MD high-quality window system, with its three surrounding sealing levels, offers excellent protection against the elements at all times of the year and ensures permanent energy saving. The large-dimensioned pre-chamber areas of the profile also ensure high thermal stability and optimal drainage. Leave the wind, cold, rain or heat where it belongs – outside!



Streamline MD recessed



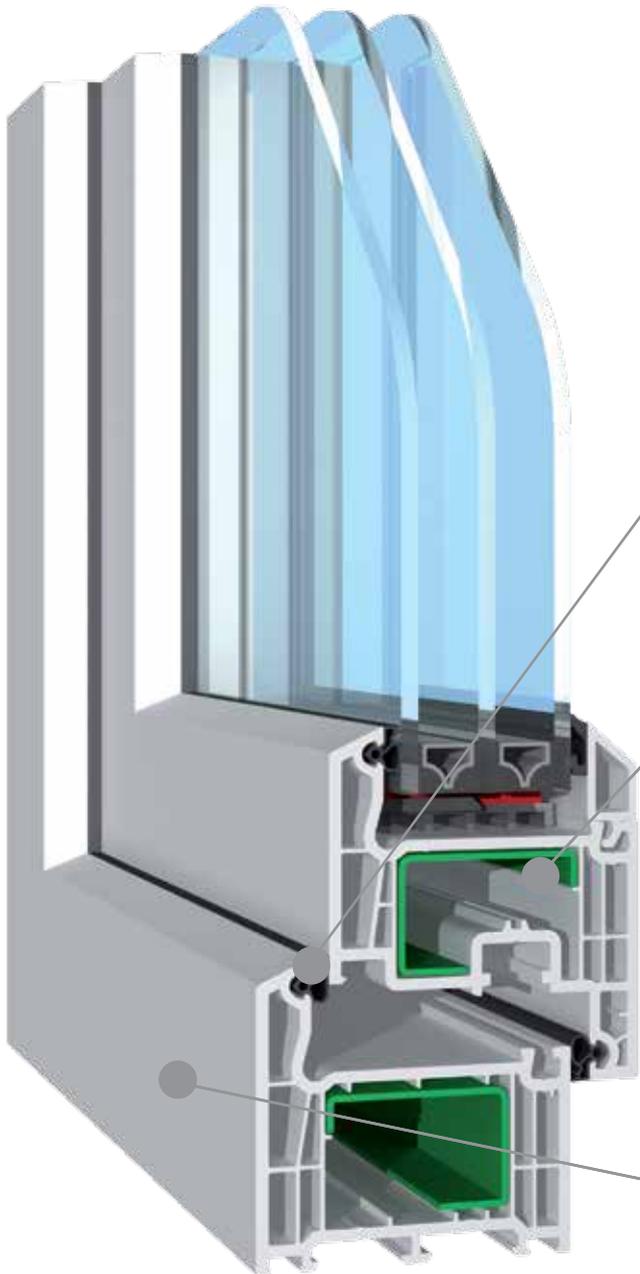
Streamline MD semi-recessed



Streamline MD with aluminium cladding



SYSTEM BLUEVOLUTION: 73



Technical data:

5-chamber profile

Construction depth: 73 mm

Up to $U_w = 0.83 \text{ W/(m}^2\text{K)}$

Sound insulation up to 46 dB

Burglary protection to RC 2

Application areas:

Turning windows, tilting windows, tilt-and-turn windows, secondary entrance doors, folding or tilt-and-slide doors

Optimal protection against wind & weather ///

Stopper gaskets welded in the corners offer effective weather protection

Maximum stability ///

Steel reinforcements ensure reliable, durable function and a long service life

Future-proof solutions ///

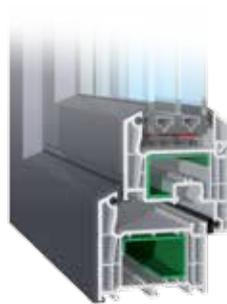
The bluEvolution 73 window system enables modern solutions for interesting window and door designs

Particularly easy to maintain & weather-resistant ///

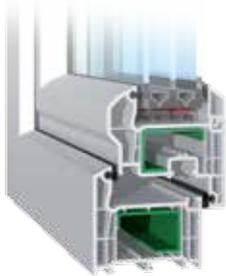
High-quality PVC with highly compressed surface structure



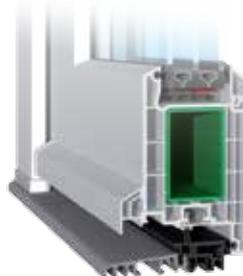
bluEvolution: 73 recessed ///



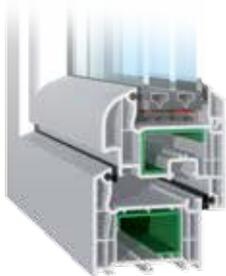
bluEvolution: 73 with aluminium cladding ///



bluEvolution: 73 semi-recessed ///



bluEvolution: 73 entrance door ///



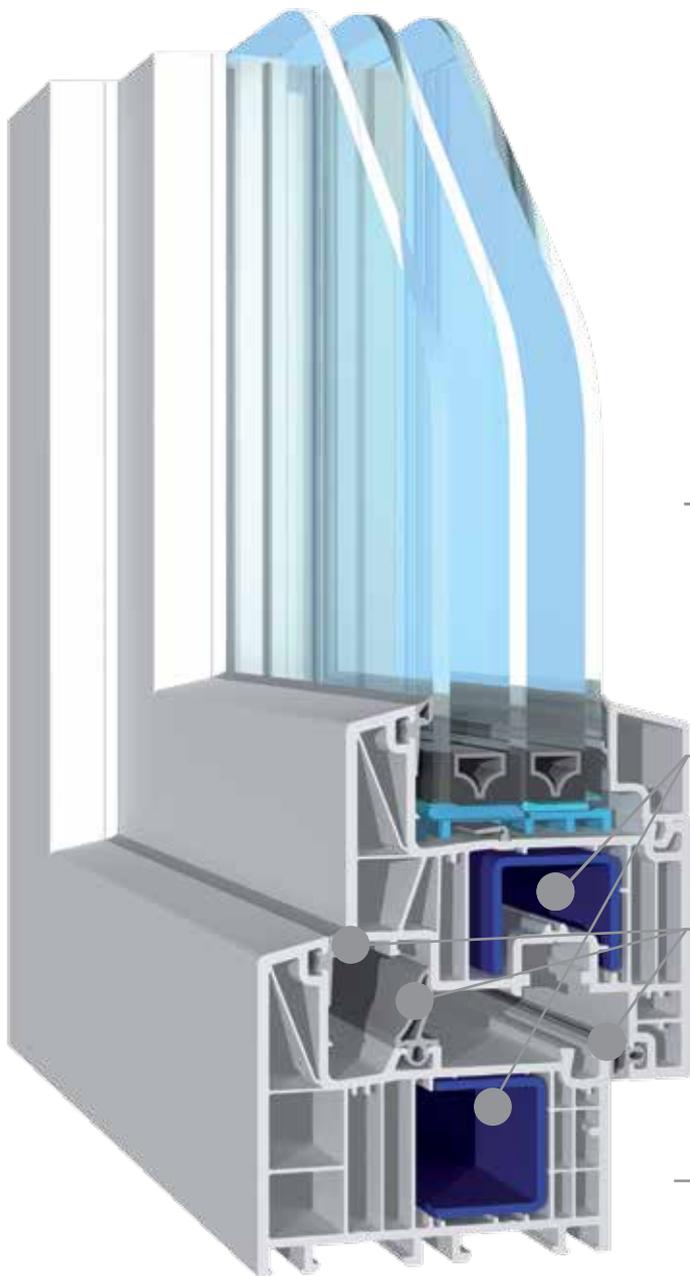
bluEvolution: 73 round ///

HIGH MAINTENANCE IS A THING OF THE PAST

Live your life and spend less time on relentless cleaning tasks. The highly-compressed surface of the bluEvolution 73 profile system, made from high-quality PVC, not only makes your windows particularly easy to maintain, but also ensures an extremely long service life. The sophisticated profile structure with large steel reinforcements also ensures maximum stability and functional reliability of your windows. Sit back, relax and enjoy a pleasant living atmosphere.



SYSTEM BLUEVOLUTION: 82



Technical data:

6-chamber profile

Construction depth: 82 mm

Up to $U_w = 0.77 \text{ W/(m}^2\text{K)}$ (AD) – up to $U_w = 0.73 \text{ W/(m}^2\text{K)}$ (MD)

Sound insulation up to 47 dB

Burglary protection: Test in preparation

Application areas:

Turning windows, tilting windows, tilt-and-turn windows,
secondary entrance doors, folding or tilt-and-slide doors

A system of the new generation ///

The innovative 6-chamber design with a construction depth of 82 mm and a clever sealing system ensures optimum heat protection and excellent energy efficiency

Economical & user-friendly ///

The same steel reinforcement in the window frame, casement, mullion and overlap ensures maximum ease of use

AD & MD can be combined ///

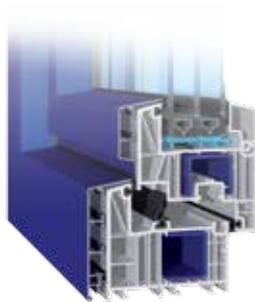
Sealing system with two stopper gaskets (AD) as standard and an optional central gasket (MD) in the window frame

Recyclable ///

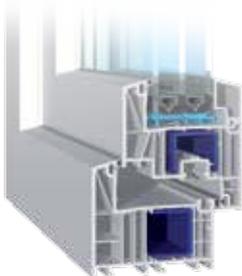
All components used are 100% recyclable due to the use of pure separable PVC



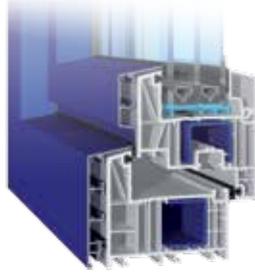
bluEvolution: 82 MD ///



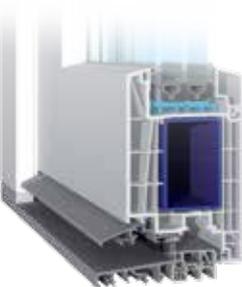
bluEvolution: 82 MD with aluminium cladding ///



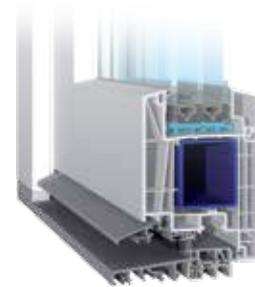
bluEvolution: 82 AD ///



bluEvolution: 82 AD with aluminium cladding ///



bluEvolution: 82 entrance door ///



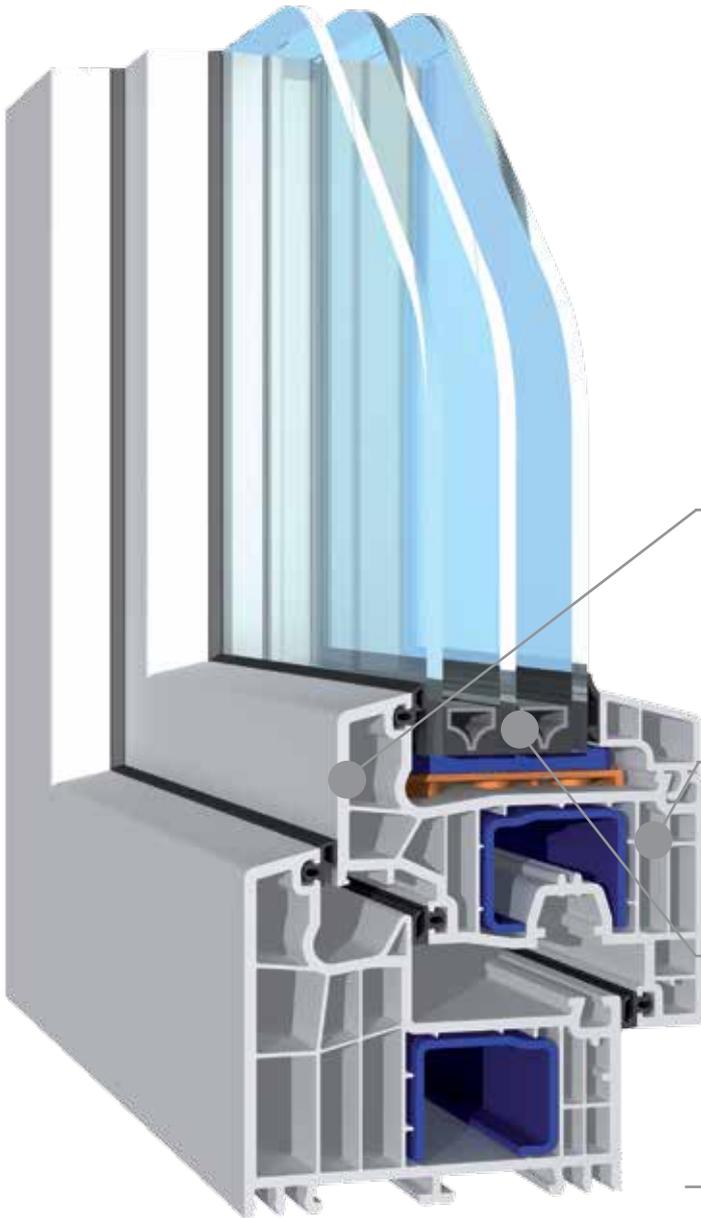
bluEvolution: 82 secondary entrance door ///

ENERGY EFFICIENCY IN A NEW DIMENSION

The new generation bluEvolution 82 system lends a whole new meaning to the term “energy-saving”. The optional use of the central gasket in the window frame further improves the thermal and acoustic performance characteristics of your windows. In addition, the sophisticated sealing system also offers reliable protection against extreme weather conditions, making your home especially cosy all year round.



SYSTEM BLUEVOLUTION: 92



Technical data:

6-chamber profile

Construction depth: 92 mm

Up to $U_w = 0.71 \text{ W/(m}^2\text{K)}$

Sound insulation up to 47 dB

Burglary protection to RC 2

Application areas:

Turning windows, tilting windows, tilt-and-turn windows, secondary entrance doors, folding or tilt-and-slide doors

Perfection ///

The profiles with wall thickness according to RAL represent top quality

Protection against heat & cold ///

The 6 profile chambers of bluEvolution 92 offer excellent heat protection and therefore reduced heating costs and CO₂ emissions

Climate-friendly ///

The possibility of using filling thicknesses of up to 60 mm can further optimise thermal insulation. As a result, bluEvolution 92 is a genuinely climate-friendly window system

Environmental protection ///

Full recycling capability of the whole window profile through the use of pure, separable, top-quality PVC



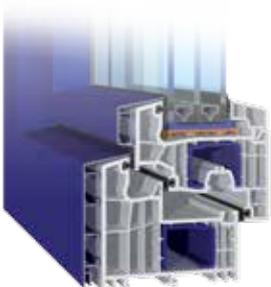
bluEvolution: 92 recessed



bluEvolution: 92 round



bluEvolution: 92 entrance door



bluEvolution: 92 with aluminium cladding

SHAPING THE FUTURE

It is not just the modern design that lends the bluEvolution 92 profile system its high-quality character, but the cleverly thought-out profile design also helps form this new generation of first-class windows. Excellent heat protection has become a matter of course with the use of bluEvolution 92. With a slimline visible width of only 118 mm, solar gains due to high light incidence and the ecological sustainability of the 100% recyclable PVC, bluEvolution 92 really is the system solution of the future for your home.



LIFT AND SLIDE DOOR



Lift and slide door



Diagram D

Lower energy costs, increased living quality

Multi-chamber profiles and the thermally separated threshold enable optimum heat insulation

Stability

Large-dimensioned steel reinforcements ensure maximum stability, reliable function and a long service life

Diagram D – special type of opening

The outer and inner sliding casements can be opened in parallel

Technical data:

Stopper gasket

Construction depth: 172 mm frame

76 mm casement

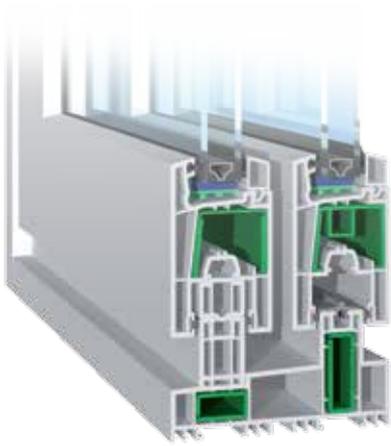
$U_w = 0.89 \text{ W/(m}^2\text{K)}$

Sound insulation up to 40 dB

Burglary protection to RC 2



SLIDING DOOR: JETLINE



Sliding door: Jetline

Maximum stability

Large-dimensioned steel reinforcements ensure reliable function and a long service life

Reliable function

Statically balanced design for particularly smooth running of the casements

Easy-care materials

Straight profile design in the threshold area is particularly easy to clean

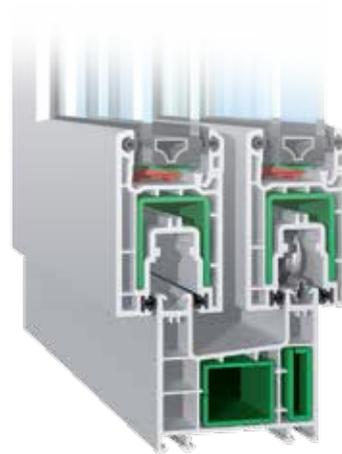
Technical data:

Construction depth: Frame: 132 mm

Casements: 60 mm

$U_w = 1.3 \text{ W/(m}^2\text{K)}$

SLIDING WINDOW: INLINE SF



Sliding window: Inline SF

Weather-resistant

Optimised gaskets with sliding surfaces and improved sealing of the centre section provide protection against wind and weather

Wide range of finishes

Top-quality film coatings offer a large selection of colours. Available in a wide range of standard colours and finishes. Custom RAL colours also available on request

Maximum ease of maintenance

The high-density surface structure made from high-quality PVC makes them particularly easy to clean

Technical data:

Construction depth: Frame: 70 mm

Casements: 45 mm

$U_w = 1.6 \text{ W/(m}^2\text{K)}$

FOLDING SHUTTER: SECURA FUNCTION+



Technical data:

Construction depth: 48 mm

Folding shutter: Secura Function+ ///

Fully variable ///

Choose between folding shutters with fixed and flexible slats, or simply combine the two variants

Added security ///

Optimum security thanks to metal-reinforced frame profiles and the locking option

Flexible privacy, weather & sun protection ///

Easily adjustable slats enable you to adjust the room brightness and privacy according to your personal preferences



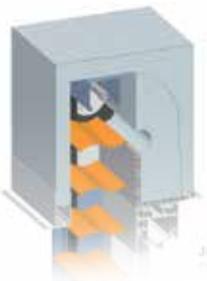
ROLLER SHUTTER SYSTEMS



Mounting element TOP MINI



Mounting element TOP DUO



Mounting box TOP PSI



THE WORLD OF SALAMANDER HIGH-QUALITY PROFILES

SALAMANDER SYSTEM:
STREAMLINE AD

SALAMANDER SYSTEM:
STREAMLINE MD

SYSTEM
BLUEEVOLUTION: 73

Construction depth	76 mm	76 mm	73 mm
Visual width	120 mm	118 mm	118 mm
Stopper gasket	X	---	X
Central gasket	---	X	---
Recessed	X	X	X
Semi-recessed	X	X	X
Round	X	---	X
Glazing up to 48 mm	X	X	up to 44 mm
Glazing up to 52 mm	---	---	---
Glazing up to 60 mm	---	---	---
Adhesive tape bond	up to 50 mm	---	---
Resistance class RC 2 according to DIN EN 1627	X		X
Resistance class RC 3 according to DIN EN 1627		X	
U_w value up to	0.77 W/(m ² K)	0.77 W/(m ² K)	0.83 W/(m ² K)
U_f value up to	1.1 W/(m ² K)	1.1 W/(m ² K)	1.3 W/(m ² K)



SYSTEM BLUEEVOLUTION: 82 AD	SYSTEM BLUEEVOLUTION: 82 MD	SYSTEM BLUEEVOLUTION: 92
82 mm 123 mm	82 mm 123 mm	92 mm 118 mm
X ---	--- X	--- X
X --- ---	X --- ---	X --- X
--- X --- ---	--- X --- ---	--- --- X ---
X	X	X
0.77 W/(m ² K) 1.1 W/(m ² K)	0.73 W/(m ² K) 0.98 W/(m ² K)	0.71 W/(m ² K) 0.89 W/(m ² K)



YOUR LOCAL EXPERT:



SALAMANDER

WINDOW & DOOR SYSTEMS

Salamander Industrie-Produkte GmbH

Jakob-Sigle-Str. 58

D-86842 Türkheim/Unterallgäu

Tel: +49 8245 - 52-0

Fax: +49 8245 - 52-359

E-Mail: info@sip.de

Am Deverhafen 4

D-26871 Papenburg

Tel: +49 4961 - 914-550

Fax: +49 4961 - 914-1011

E-Mail: info@sip.de

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