



# Better Roto.

Because premium is our standard.



# Better Roto.

Because our roof windows will serve for generations to come.

Whether they're individual or standard solutions. Roto always guarantees top quality.



Quality. Comfort. Safety.

Because the highest quality pays off.

Choosing a roof window is a decision that will last for years.  
We guarantee that you can rely on Roto.  
Our premium solutions will meet your needs for many years.



SENTINEL HAUS  
INSTITUT

**Certified  
healthy living.**

Our roof windows are low-emission, harmless to health and energy efficient.



**Roto stands  
for quality.**

\*\* Against glass breakage caused by hail in windows with ESG outer pane, against breaking of the fittings, against breaking of the frame.

\*Warranty period may vary. To be confirmed by Distributor.



**Award:  
Roto roof windows  
are TÜV test winner.**

<sup>1</sup>Designo R8 roof window won together in the satisfaction surveys, conducted by TÜV Rheinland. The window was tested for the product quality, installation and user-friendliness.





## Good reasons that make your decision easier



### Attractive design

Modern shape of the roof window covering in the anthracite-metallic colour and full range of interior and exterior sun screening.



### Quality of materials used at Roto

Highest stability and durability thanks to multi-chamber profiles made of fibre-reinforced plastic with steel reinforcement.



### One handle for all functions

Convenient and very easy operation for closing, tilting and cleaning.



### Maximum living comfort

Freedom of movement thanks to the unique opening and undisturbed view.



### Excellent energy efficiency

High thermal comfort with the pre-installed WD thermal insulation block and vapour barrier film. Lower heating and air-conditioning costs at hand thanks to the energy-saving triple glazing.



### 15-year warranty

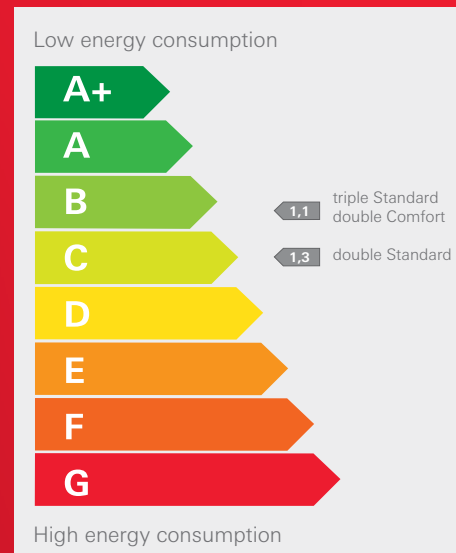
Quality assurance – 15 years warranty\*\* for Roto roof windows.

\*\*Against glass breakage caused by hail in the case of windows with an ESG outer pane, against cracking of fittings, against cracking of frames. Warranty period may vary. Please confirm it at your Distributor.



# Better comfort and lower heating bills

Thermal comfort, heat savings, healthy indoor climate, fresh and clean air.



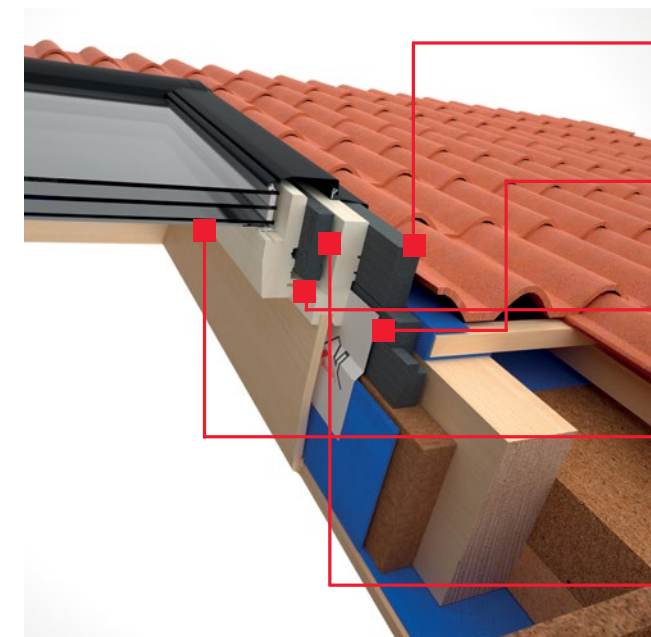
## Energy balance

In times of rising energy prices and conscious environmental protection, a proper energy balance plays an important role. Our roof windows are characterised by optimal and certified insulation properties and meet high energy saving requirements.

### Thermal insulating value

The thermal insulation properties are determined by the heat transfer coefficient ( $U_w$ ). It determines the amount of heat that will escape through walls, roof, doors or windows. The lower the  $U_w$  value is, the better the thermal insulation will be.

## Roto recipe for energy efficient windows



WD block gives extra thermal insulation and improves window energy efficiency even by 15%.

The pre-installed vapour barrier film and WD block secure even better tightness.

Solid window profiles offer an opportunity to install large size windows, which gives you the unlimited access to natural light.

Energy efficient glazing: the number of panes and gas filling chambers have a significant impact on the even better energy balance of the roof window.

No visible screws in the roof window covering and post-installation setting of the window ensure outstanding airtightness for a long time.



## „Smart Home ready“

This is how easy the Smart Home is with Roto – adapted to the individual housing situation.



### 1. You already have the Smart Home control system

Integrate your Roto roof window solutions and auxiliary drives easily with existing radio-controlled or wired systems, such as myGekko, Somfy, Loxone, Delta Dore, Homematic IP, KNX and others!

Our partners:



Our partners:



### 2. You do not have the Smart Home control system

With Roto and our partners like mediola® or Becker, we guarantee exceptionally convenient start in the field of technology bringing better quality of life with no barriers.

#### Tip

Lots of manual roof windows can be modified thanks to additional electric drives.

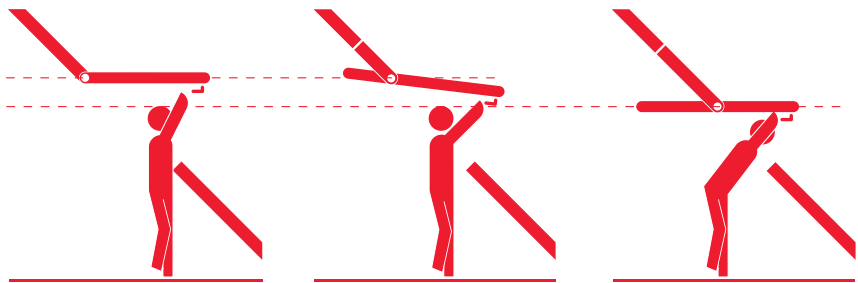




# More light and nice atmosphere

The difference that can be noticed.

The combination of roof windows and facade windows turns usual rooms into comfortable spaces full of light. You'll get more light and more transparency – and therefore improve health and quality of life under your roof.



**More space over your head**  
For maximum comfort and a perfect view



**More light thanks to the installation combined with coupling rafters.**  
The Roto coupling rafter provides a greater height, an almost continuous window front and the possibility to install an infinite number of windows side by side. This gives the maximum daylight for your own health and well-being.

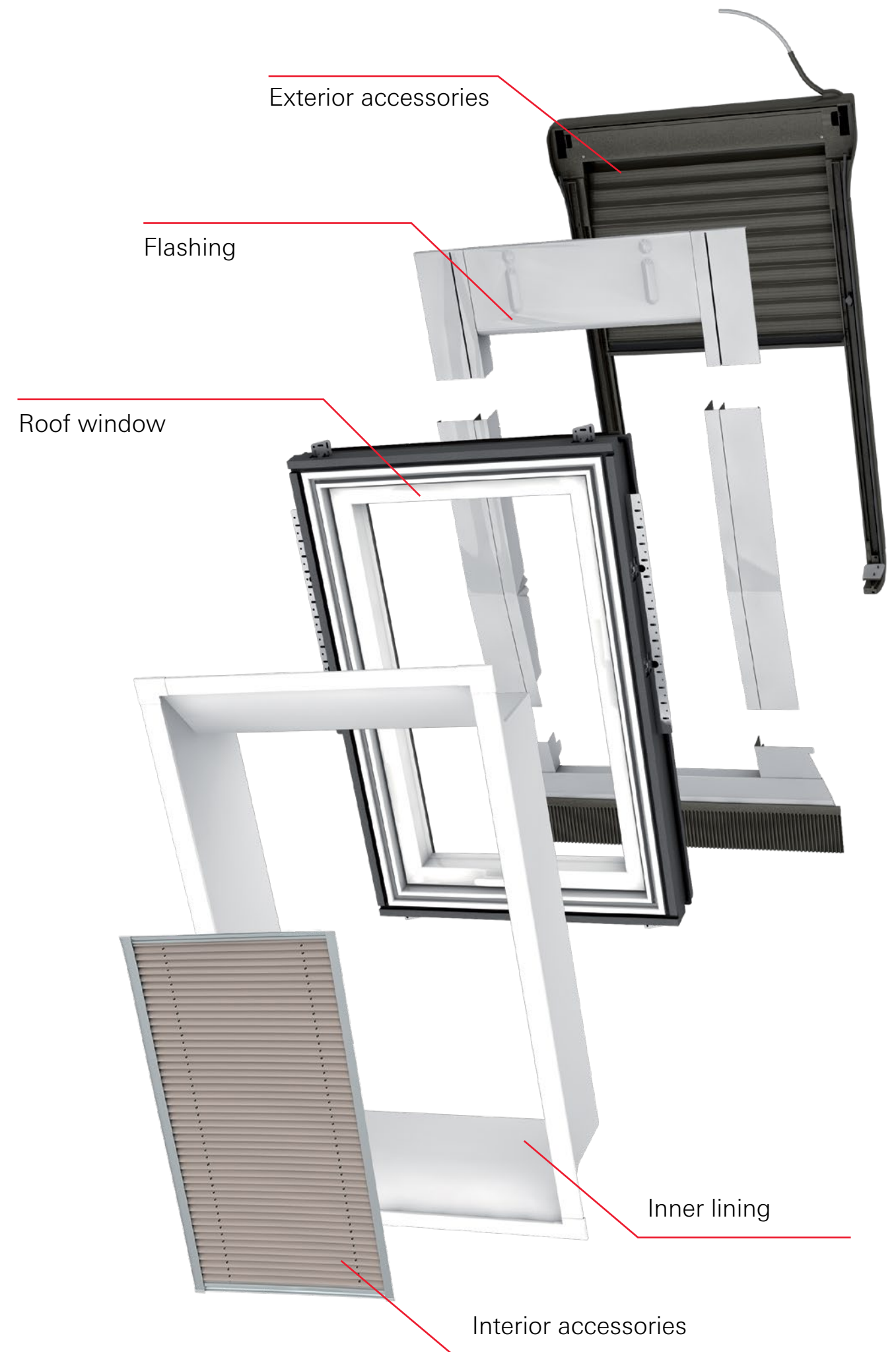


# Perfect combination thanks to Roto interior accessories

## Avoiding condensation and cold radiation.

So that your Roto roof window matches perfectly your living space, just choose the right interior accessories. On the one hand, this is for aesthetic reasons. On the other hand, it also ensures that neither cold, nor moisture, nor other external factors will enter under your roof.

Roto interior accessories are therefore an optimal combination for a roof window. They are made of high-quality material, fit perfectly and are also particularly resistant. Thanks to this combination of design and functionality, neither condensation nor cold has a chance!





# Find the window type

The right roof window for your home.



Designo R4 pivot roof window

**A combination of energy efficiency and functionality**

Classic window model using the most popular method of opening with the axis of rotation located in the middle of the window frame. The window is equipped with a WD thermal insulation unit, which will provide protection against the loss of valuable heat in winter. Perfect to be combined with Designo R7 in multiple combinations“

Frame profiles  
Plastic  
White wood



Designo R7 top-third pivot roof window

**Unique opening for individual solutions**

Proven top-third pivot technology ensures a significant advantage in the freedom of movement and comfort, compared to many other common tilt windows. The narrow frame also allows particularly large amounts of light to enter the interior. Also in terms of design, the name of the Roto Designo R7 windows speaks for itself.

Frame profiles  
Plastic  
White wood



Designo R8 top-hung roof window

**Maximum space over the head and freedom of movement**

Roto top-hung technology with a rotary axis at the very top of the window frame allows the most comfortable airing and undisturbed view. This roof window also prevails with its functions and energy efficiency.



Frame profiles  
Plastic  
White wood



**Additional ease of use:**



telescopic arm\*



lockable handle\*

\* Designo R8 is the overall winner of the 2013 TÜV Rheinland Satisfaction Survey, the surveys covered product quality, ease of installation and user-friendliness. Each time 3 roof windows took part in the test. Detailed test results at: [www.roto-dachfenster.de/testergebnisse](http://www.roto-dachfenster.de/testergebnisse).

\* available separatly



# Choose the right glazing



Glazing	Double Standard	Double Comfort
Function	The standard Standard solution with hail-protection outside.	The safe In case of breakage the safety is guaranteed.
Thermal insulation Heat stays inside, cold stays outside	★	★★★
Sound insulation Noise remains outside	★	★★★
Heat protection Heat remains outside	★	★

Product line	Designo	Designo
Glass structure	<ul style="list-style-type: none"><li>▪ Toughened safety glass (ESG) with hail-protection outside</li><li>▪ Float inside</li></ul>	<ul style="list-style-type: none"><li>▪ Toughened safety glass (ESG) with hail-protection outside</li><li>▪ Laminated safety glass (VSG) inside</li></ul>
Thermal insulating value of the window Uw	5 (R4)	8C (R8)
	WD	WD
	Uw = 1.3	Uw = 1.1
Energy efficiency	●●○○○○	●●●○○○
Total energy permeability (g-value according to DIN EN410)	g = 52%	g = 51%

H = wooden window K = PVC window  
Subject to technical changes

Triple Standard
The optimal The basic option providing a warm loft.
★★★
★
★★★

Designo
<ul style="list-style-type: none"><li>▪ Toughened safety glass (ESG) with hail-protection outside</li><li>▪ Heat strengthened glass (TVG) in the middle</li><li>▪ Float inside</li></ul>
9 (R7)
WD
Uw = 1.1
●●●○○○
g = 47%

H = wooden window K = PVC window  
Subject to technical changes







# Roto Designo standard sizes

	54	65	74	94	114	134	cm
78	R4 R7 R8						
98	R4 R7 R8	R7 R8	R4 R7 R8	R7	R7	R8	
118	R4 R7 R8	R4 R7 R8	R4 R7 R8	R4 R7 R8	R4 R7 R8		
140		R4 R7 R8	R4 R7 R8	R4 R7 R8	R4 R7 R8	R8	
160		R7	R7 R8	R8	R8	R8 K	
180		R8 K	R8 K	R8 K			

K = PVC window

Pivot roof window



R4

Top-third pivot roof window



R7

Top-hung roof window



R8

Pivot roof window Electric



R4 RotoTronic



# Reliable protection against heat and cold

Harmony of efficiency, functions  
and design.



**ZRO exterior roller shutter**  
**Excellent heat/ cold protection with full blackout\*.**  
 Safe protection against light, heat and cold. Full functionality of the roof window, even when the Designo roller shutter is closed.  
 Attractive high-quality design, low installation height thanks to the flat roller shutter box. „Smart Home ready“ – can be integrated with a wide range of home automation systems. Perfect for bedrooms, children’s rooms and guest rooms.



**ZRO solar exterior roller shutter**  
**Excellent heat/ cold protection in any weather.**  
 Safe protection against light, heat and cold. Full functionality in any weather conditions. If charging through solar panel is not possible because of snow, leaves or too little sunlight, you can now remove the battery yourself and recharge it via micro USB cable. In this way, the system remains reliably ready for use at all times.



**ZAR ‘Screen’ exterior blind**  
**The basic solution for effective thermal insulation**  
 Effective protection against heat. Long service life thanks to high quality plastic-coated fabric, resistant to weather conditions and dirt. Easy manual operation. Perfect to be combined with the interior blinds.



Very flat on the roof,  
thanks to the low  
installation height.



Ease of use:  
control with a wall  
and manual  
transmitter.



# Suitable for any interior arrangement

Optimal protection of visibility and against glare.



## ZRV blackout roller blind

Protection against sunlight thanks to effective blackout

Perfect for bedrooms, children’s rooms, living rooms and guest rooms as thanks to the coated fabric the unwanted daylight just stays outside. With the automatic locking of the pull bar, the blackout roller blind stops in any position.

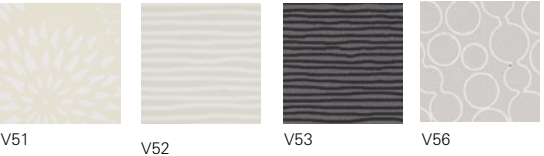


## Fabric colours and decors

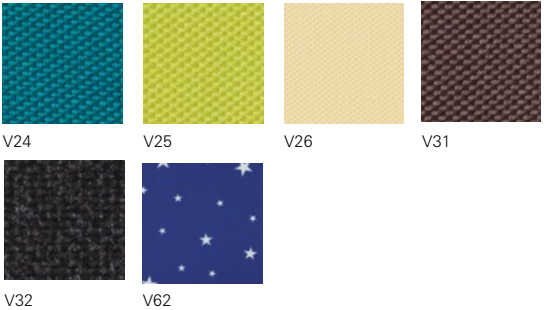
### Standard colours [PG1]



### Decorative trends [PG3]



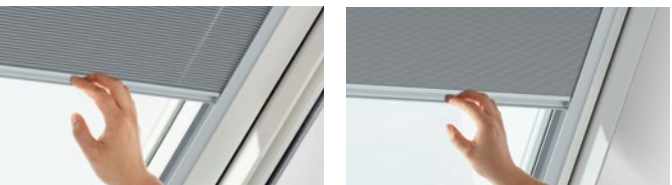
### Colour trends [PG2]



## Pleated blind ZFA

Decorative roller blind for a cozy atmosphere in the room

Pleasant atmosphere of the room and universal use thanks to the pleated fabric in translucent and opaque version. The automatic locking function locks the curtain in any position.

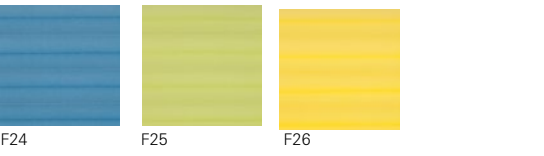


## Fabric colours and decors

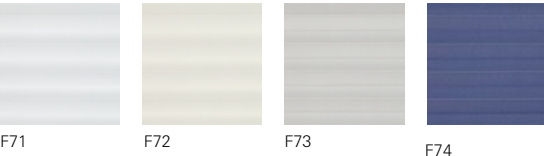
### Standard Uni – light-permeable [PG1]



### Trend Uni – light-permeable [PG2]



### Uni – impermeable to light / honey comb[ PG4]



### Dekore – impermeable to light / honey comb [PG5]







Official  
**Partner**



**Your official partner.  
We are here for you!**

**Yarddirect Ltd.**

5 Glen Tye Road  
FK7 7LH  
Stirling

**Call us:**

(044)01786 357252

[www.roto-international.com/uk](http://www.roto-international.com/uk).  
<https://www.yarddirect.com/roto/>