




The most important values at a glance

	Gasket systems	Overlap gasket Central gasket
	Thermal insulation*	Uf-value MD up to Uf-value AD up to Uw-value MD up to Uw-value AD up to
	Sound reduction up to	
	Burglar resistance up to	
	Environmental influences	Driving rain resistance Wind resistance Air permeability
	Glazing up to	
	Dimensions	Depth min. View height min. Viewing height sash min. View height frame max. sash dimensions for max. height max. sash dimensions for max. width
	Surface	
	Opening types	Fixed glazing Pivot window Tilt and turn window Tilt and turn window Side entrance door Fold door PSK door Main door
	Maximum sizes	max. balcony door leaf height max. balcony door leaf width max. door sash height max. door sash width max. front door leaf height max. front door leaf width

The heat transfer coefficient U: In W/(m²k).

The lower the U-value, the lower the heat loss in winter and the heat transmission in summer. U_f (frame) is the value of the frame and sash combination, U_w (window) that of the entire

of the entire structure including the glazing.

Subject to alterations, errors, printing and typesetting errors.

*for Ug 0.5 with edge seal 0.03 and window element 1230 x 1480 mm

Central gasket	Overlap gasket Central gasket
0,98 1,1 0,73 0,77	1,0 1,1 0,72 0,75
47 dB	47 dB
RC3	RC3
9A C5/B5 Class 4	9A C5/B5 Class 4
52 mm (54 mm)	52 mm (54 mm)
82 mm 123 mm 50 mm 73 mm 1000 x 2400 mm 1500 x 1600 mm	82 mm 107 mm 34 mm 73 mm 750 x 2350 mm 1150 x 1200 mm
Greta®Fenster	Greta®Fenster
Fixed glazing Pivot window Tilt window Tilt and turn window Side entrance door Fold door PSK door Main door	Fixed glazing Pivot window Tilt window Tilt and turn window — — — —
1200 x 2500 mm 1600 x 1800 mm 2200 mm 1000 mm 2400 mm 1200 mm	750 x 2350 mm — — — — —



Climatic conditions and local conditions

Temperature curve and difference, amount of precipitation, hours of sunshine, snowfall, wind loads, burglary statistics, air pollution, noise pollution, altitude above sea level.



Object properties

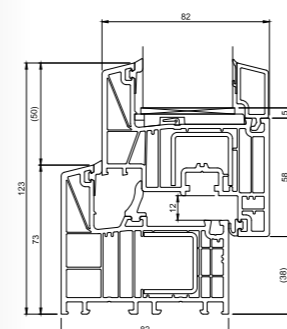
Year of construction, type of building, living area, floors, material of window frames, glazing, orientation of the house according to GPS coordinates, number of windows per side of the house, types of windows, number of muntins, dimensions of the of the windows, analysis of the light situation: comparison of the actual / target lighting situation.



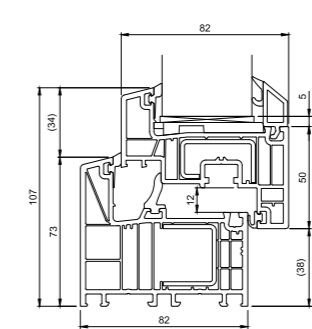
Customer requirements

Optimization strategies to light and energy input, historical authenticity, regional style, individual choice of design and materiality, ecological factors such as insulation and recycling, and cost.

SALAMANDER bEflex



SALAMANDER bEfree

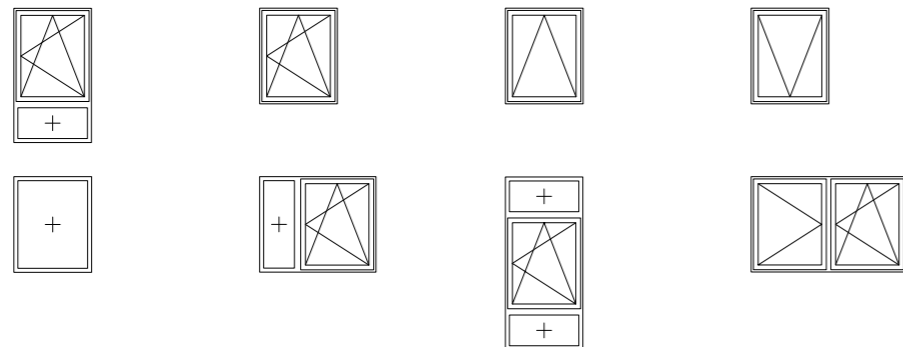


System Features | Element Types

Type 1

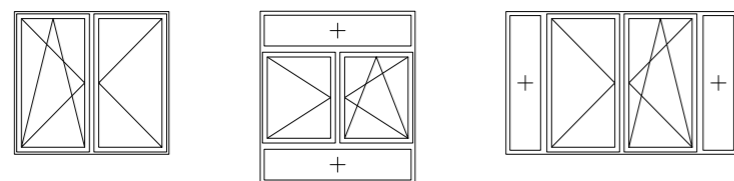
Windows and French windows, e.g. 1-leaf, 2-leaf, with fixed mullion

Fixed glazed window; side-hung window, single-sashed, turn/tilt window; top-hung window; Tilt windows; also multi-part elements (according to DIN EN 14351-1).



Windows and French doors, e.g. 2-leaf with loose mullion (forend)

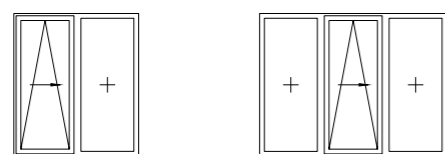
side-hung windows and doors, two- or multi-sashed (opening inwards or outwards), side-hung / Tilt windows and window doors, also multi-piece (according to DIN EN 14351-1).



Type 2

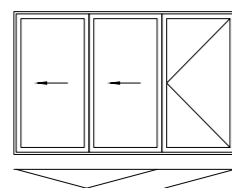
PSK doors and windows

(parallel sliding and tilting or parking doors).



Folding sliding windows and doors

Folding sliding windows and doors (according to DIN EN 14351-1). Other schemes and combinations possible. Currently not yet realizable.



Type 3

Other (special) window constructions

(not part of a „RAL system passport“)

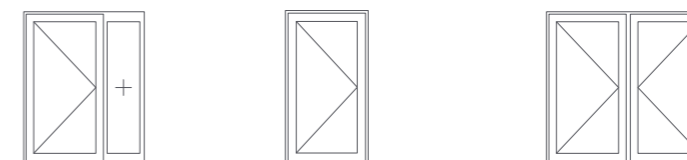
The determination of the performance characteristics is different depending on the type of construction and requires special consideration with reference to the product standard DIN EN 14351-1.

- Arched, segmental arch, segmental arch windows
- Door constructions without thresholds, barrier-free elements
- Outward opening windows / French windows / front doors
- „Swiss-style double-hung windows“ DK-D-DK
- Gable windows, gable windows (sloping elements)
- Triangular and trapezoidal windows on one and both sides
- Arched windows, rhombic windows, (e.g. in the gable)
- other window constructions



Main doors

Transfer to tested sash sizes and the size tables stored within the system description tables within the scope of the system description, if the locking distances, similar format format, compliance with the sash weight and consistent manufacturing quality.



Window shapes



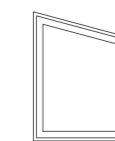
Rectangle



Triangle



Oblique



Oblique



Round



Polygon



Polygon



Polygon



Round arch



Segmental arch



Pointed arch



Basket arch