




Greta®Fenster

## The most important values at a glance

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

Der Wärmedurchgangskoeffizient U: In W/(m²K)

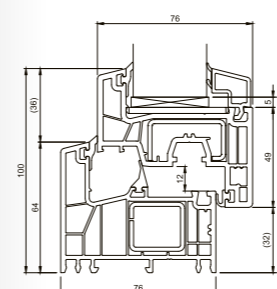
Je niedriger der U-Wert, desto geringer ist der Wärmeverlust im Winter und die Durchlässigkeit der Wärme im Sommer. U<sub>f</sub> (frame) ist dabei der Dämmwert der Rahmen-Flügel-Kombination, U<sub>w</sub> (window) der des gesamten Aufbaus inkl. der Verglasung.

Änderungen, Irrtum, Druck- und Satzfehler vorbehalten.

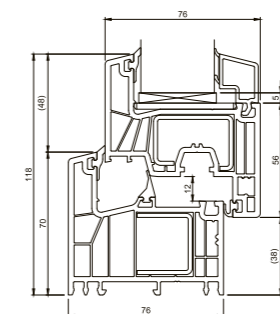
\*bei Ug 0,5 mit Randverbund 0,03 und Fensterelement 1230 x 1480 mm

Overlap gasket Central gasket	Overlap gasket Central gasket
1,0 1,2 0,74 0,77	1,0 1,1 0,73 0,77
47 dB	47 dB
RC3	RC3
9A C5/B5 Class 4	9A C5/B5 Class 4
48 mm	48 mm
76 mm 100 mm 36 mm 64 mm 850 x 2350 mm 1250 x 1250 mm	76 mm 118 mm 48 mm 70 mm 1100 x 2600 mm 1500 x 1550 mm
Greta®Fenster	Greta®Fenster
Fixed glazing Pivot window Tilt window Tilt and turn window — Fold door — —	Fixed glazing Pivot window Tilt window Tilt and turn window also possible as side entrance door (gE flex) Fold door PSK door Main door
850 x 2350 mm — — — — —	1100 x 2600 mm 1500 x 1550 mm 2200 mm 1000 mm 2400 mm 1200 mm

**SALAMANDER gEfree**



**SALAMANDER gEflex / A**



### 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

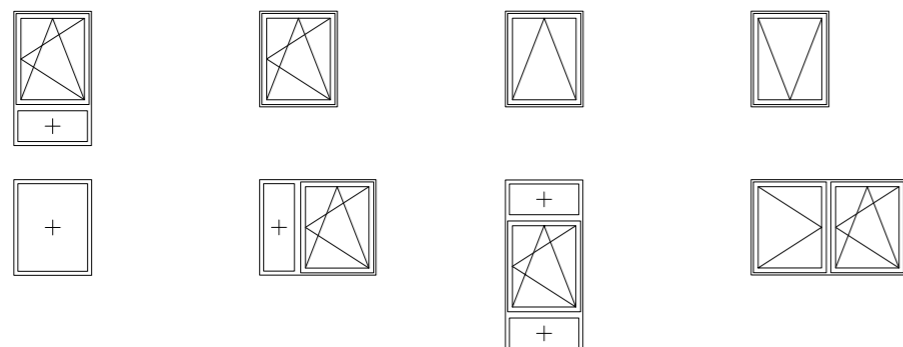
Optimization strategies to light and energy input, historical authenticity, regional style, individual choice of design and materiality, ecological factors such as insulation and recycling, and cost.

# System Features | Element Types

## Type 1

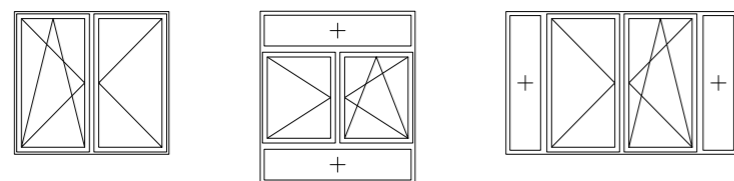
### Windows and French windows, e.g. 1-leaf, 2-leaf, with fixed mullion

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

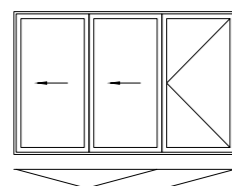
### PSK doors and windows

(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“)

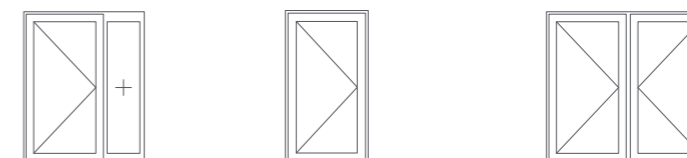
The determination of the performance characteristics is different depending on the type of construction and requires special consideration with reference to the product standard DIN EN 14351-1.

- 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



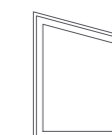
Rectangle



Triangle



Oblique



Oblique



Round



Polygon



Polygon



Polygon



Round arch



Segmental arch



Pointed arch



Basket arch