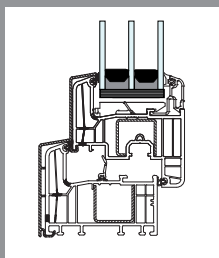


Product type: 1.001

ENERGATE 893 SYSTEM:


uPVC Steel with aluminium cladding:



UNIQUE SPECIFICATIONS

- Triple airtight continuous gaskets
- Increased stability
- Recyclable plastic
- UV Resistance up to 180 kLanlgy radiation level
- 3-dimensional adjustable window hinges up to 130 kg tested on 20.000 opening and closing cycles
- Thermal bridge free floor connection/flat wheel chair accessible threshold for patio doors
- Optional: FX Quality color with weather&scratch resistance
- Optional: high weather proof aluminum clad coating (qualicode 2) RAL color
- Optional: fully consealed window hinges

ENERGATE 893





	THERMAL INSULATION:	
	SYSTEM	893 uPVC ALUMINIUM
FRAME	U_f - W/m²K IFT 402 42057/1 (Nr.263)	0,95*
GLASS	U_G - W/m²K	0,50*
WINDOW	U_w - W/m²K	0,72*

System 893 is passive house suitable

* Specified values are calculated for tested window: Dual action, single opening window

Glass spacer: ENERGATE Fiber glass Ψ-value 0,032 W/mK · Window Size: 1,23 x 1,48 m · Norm: EN ISO 10077- 1:2000-11

Thermal insulation depends on the model selection of the customer

	Water tightness: DIN EN 12208 IFT 102 41859/2 (Nr. 265) IFT 11-001745-PR02	9A *(600 Pa in both +/- directions)
	Wind load resistance: DIN EN 12210 IFT 102 41859/2 (Nr. 265) IFT 11-001745-PR02	B4 /C4 * (1600, 800/2400 Pa)
	Air permeability: DIN EN12207 IFT 102 41859/2 (Nr. 265) IFT 11-001745-PR02	Class 4 *(>0,1m³/hm@600Pa)
	Sound insulation DIN EN4109 IFT 161 43106/3 R1 / 161 43106/5 R1 / 161 43106/4 R1	R_{w,P} = 32 dB* R_{w,P} = 40 / 45 / 47 dB** (optional) and others on request * Standard tripple glass 4/16/4/16/4 ** (glass 8/12/4/12/6; glass 10/12/6/12/8/2SI; glass 10/2SI/12/6/12/8/2SI)
	Burglar resistance (optional)	WK 2 (9 locking points against standard 2)
<p>* Specified values are calculated for tested window: 1.009 single opening window with fixed light below</p> <p>Tested by laboratory accredited according to ISO17025</p>		