

KS 430 UPVC & UPVC/ALUMINIUM LIFT-SLIDING DOOR



CHARACTERISTICS

Thermal insulation
(in W/m²K)



U_w as low as 0.64

Sound reduction
(in dB)



up to 43

Security



RC1N, RC2



KS 430

Lift-sliding doors are the perfect link between inside and outside. The extra low threshold ensures comfortable passing and is best suited for barrier-free construction. Toughened panes as standard protect from injury with glass breakage and handle dampening as standard ensures smooth handle return. If the lift-sliding door is combined with fixed glazing, large glass areas are created which make your rooms appear even more impressive and spacious (upon request also available with sash imitation).

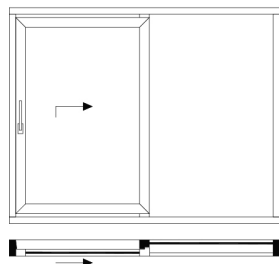
· **Construction models**

- **Schema A:** sash/fixed glazing
- **Schema C:** fixed glazing/sash/sash/fixed glazing
- **Schema G:** fixed glazing/sash/fixed glazing

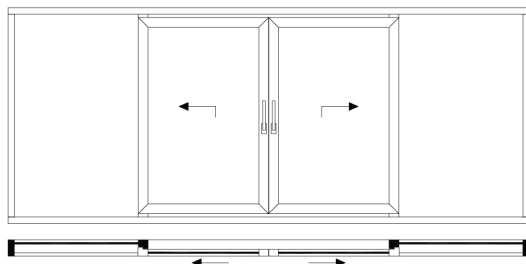
Technical information

- Can be coupled with KF 410, KF 405, KF 500, KV 440
- 2 glazing thicknesses available (48 and 54 mm)
- Turn handle with or without recessed handle or turn handle on both sides with lockable cylinder with schema A and C
- Half cylinder (inside) with schema G
- Complete Internorm colour and glass range

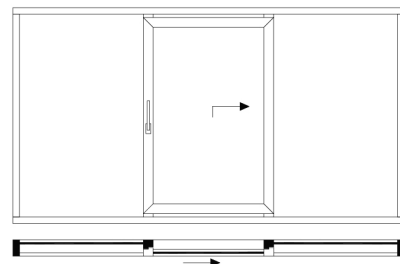
Schema A



Schema C



Schema G



Values

System	Glass setup	Glass code	Spacer	Coating	U _g	Psi	U _w	Thermal cert.	R _w	C	C _{tr}	Sound cert.
KS430	4b/18Ar/4/18Ar/b4	3N2	Iso	light	0.5	0.036	0.68	YES	33	-2	-6	YES
				SolarXPlus	0.5	0.036	0.68	YES	33	-2	-6	YES
			Alu	light	0.5	0.082	0.76	YES	33	-2	-6	YES
				SolarXPlus	0.5	0.082	0.76	YES	33	-2	-6	YES
	4bESG/18Ar/4/18Ar/b4ESG	3T6	Iso	light	0.5	0.036	0.68	YES	33	-2	-6	YES
				SolarXPlus	0.5	0.036	0.68	YES	33	-2	-6	YES
			Alu	light	0.5	0.082	0.76	YES	33	-2	-6	YES
				SolarXPlus	0.5	0.082	0.76	YES	33	-2	-6	YES
	6b/18Ar/4/16Ar/b4	33U	Iso	light	0.5	0.036	0.68	YES	36	-2	-6	YES
				SolarXPlus	0.5	0.036	0.68	YES	36	-2	-6	YES
			Alu	light	0.5	0.082	0.76	YES	36	-2	-6	YES
				SolarXPlus	0.5	0.082	0.76	YES	36	-2	-6	YES
	4b/16Ar/4/15Ar/ b44.2(VSG-S)	34N	Iso	light	0.6	0.036	0.73	YES	38*			no
				SolarXPlus	0.6	0.036	0.73	YES	38*			no
			Alu	light	0.6	0.082	0.81	YES	38*			no
				SolarXPlus	0.6	0.082	0.81	YES	38*			no
	44b.2(VSG-S)/15Ar/ 4/12Ar/ b44.2(VSG-S)	3FH	Iso	light	0.7	0.036	0.81	YES	40*			no
				SolarXPlus	0.7	0.036	0.81	YES	40*			no
			Alu	light	0.7	0.082	0.89	YES	40*			no
				SolarXPlus	0.7	0.082	0.89	YES	40*			no
	6b/18Ar/6/18Ar/b6	3FA	Iso	light	0.5	0.036	0.68	YES	34	-2	-5	YES
				SolarXPlus	0.5	0.036	0.68	YES	34	-2	-5	YES
			Alu	light	0.5	0.082	0.76	YES	34	-2	-5	YES
				SolarXPlus	0.5	0.082	0.76	YES	34	-2	-5	YES
6bESG/18Ar/6/18Ar/b6ESG	3FC	Iso	light	0.5	0.036	0.68	YES	34	-2	-5	YES	
			SolarXPlus	0.5	0.036	0.68	YES	34	-2	-5	YES	
		Alu	light	0.5	0.082	0.76	YES	34	-2	-5	YES	
			SolarXPlus	0.5	0.082	0.76	YES	34	-2	-5	YES	
8b/16Ar/6/18Ar/b6	3FB	Iso	light	0.5	0.036	0.68	YES	37	-2	-5	YES	
		Alu	light	0.5	0.082	0.76	YES	37	-2	-5	YES	
8bESG/16Ar/6/18Ar/b6ESH	3FE	Iso	light	0.5	0.036	0.68	YES	37	-2	-5	YES	
			SolarXPlus	0.5	0.036	0.68	YES	37	-2	-5	YES	
		Alu	light	0.5	0.082	0.76	YES	37	-2	-5	YES	
			SolarXPlus	0.5	0.082	0.76	YES	37	-2	-5	YES	
6b/16Ar/5/18Ar/ b44.2(VSG-S)	3F8	Iso	light	0.5	0.036	0.68	YES	41	-2	-6	YES	
			SolarXPlus	0.5	0.036	0.68	YES	41	-2	-6	YES	
		Alu	light	0.5	0.082	0.76	YES	41	-2	-6	YES	
			SolarXPlus	0.5	0.082	0.76	YES	41	-2	-6	YES	

ATTENTION:

We do not recommend glasscodes with U_g values better than 0.7 and aluminium spacers due to the low temperature in the glass edge area; these have to be ordered via special enquiries.

U_w values:

Calculation acc. to EN ISO 10077; construction model: schema A (1 sliding element, 1 fixed element); size 3800 x 2500 mm

R_w values: construction model: schema A (1 sliding element, 1 fixed element); size 2660 x 2500 mm

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