

KS 430 UPVC-LIFT AND SLIDE DOOR



CHARACTERISTICS



Thermal insulation (in W/m²K)
U_w up to 0,64



Sound reduction (in dB)
up to 33 - 43

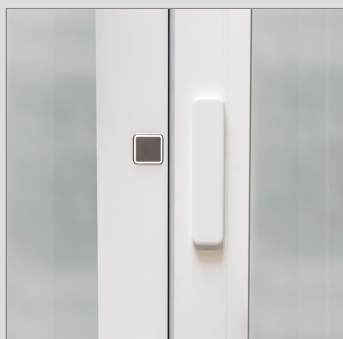
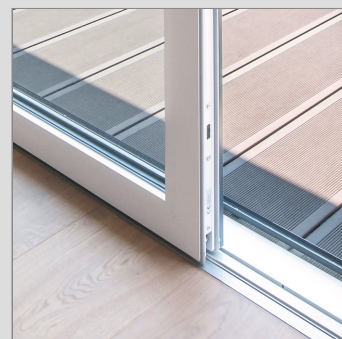


Security
up to RC 2



Frame depth (in mm)
200

I-tec Decor

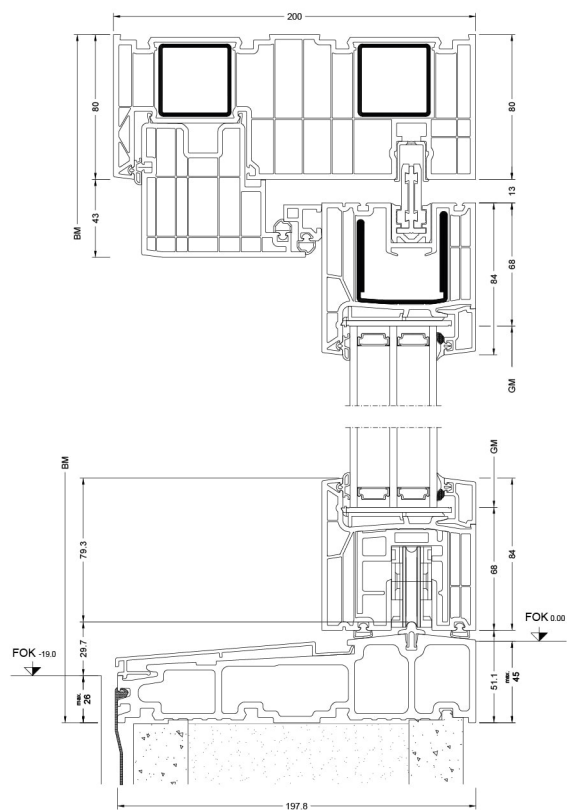


Lift & slide doors are the perfect link between inside and outside. The low threshold ensures a comfortable passage and is ideal for barrier-free construction. Standard toughened safety glass panes protect against injury in the event of glass breakage and the standard soft handle closure ensures that the handle slides back gently. The new I-tec Decor digital printing technology gives you a wide range of designs for customising the inside of your uPVC-aluminium lift & slide door.

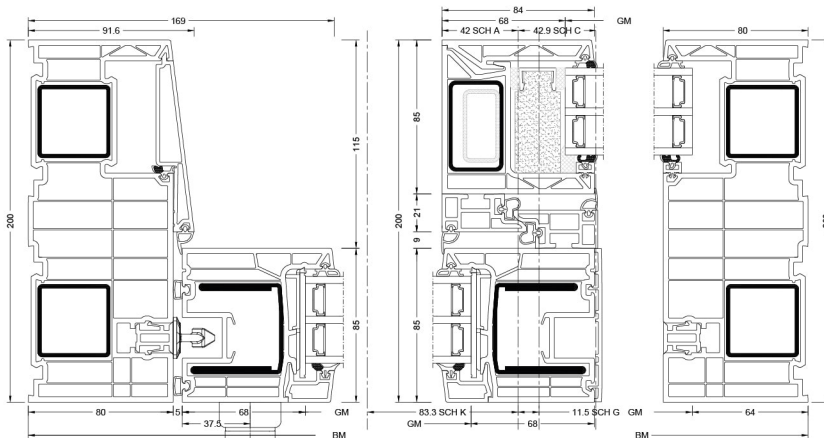
HINT

Comfort Drive - the electric drive for convenient opening and closing of your lift & slide door at the touch of a button.

Senkrecht / Vertical



Waagrecht / Horizontal

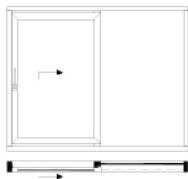


BM	Bestellmaß / Ordering size	GM	Glasmaß / Glass size
FM G	Flügelmaß Gehflügel / Sash size master sash	RA	Rahmenaußenmaß / Outside frame size
FM S	Flügelmaß Stehflügel / Sash size slave sash	TM	Teilungsmaß / Division size
FOK	Fußbodenoberkante / Finished floor level		

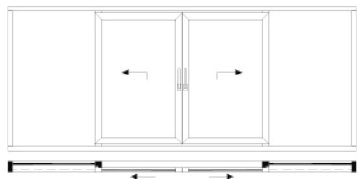
Construction types/technical info

- Scheme A: Sash/fixed glazing
- Scheme C: Fixed glazing/sash/sash/fixed glazing
- Scheme G: Fixed glazing/sash/fixed glazing
- Scheme K: Sash/fixed glazing/sash
- Can be combined with KF 410, KF 520, KV 440
- 2 glazing thicknesses available (48 and 54 mm)
- Turning handle with or without recessed handle or turning handle on both sides with lockable cylinder for systems A and C
- Half cylinder (inside) for scheme G
- Complete Internorm colour and glass range

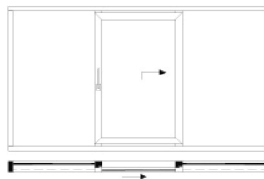
Schema A / Scheme A



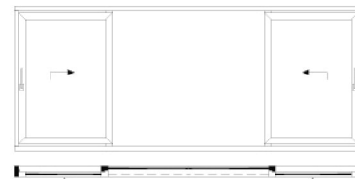
Schema C / Scheme C



Schema G / Scheme G



Schema K / Scheme K



Values

Glass Build Up	GC	Coating	AH	U _g	g	U _f	Psi	U _w	R _w	C	Ctr	Certificate - Thermal Performance	Certificate - Sound
4b/18Ar/4/18Ar/b4	3N2	Low-Carbon iplus	Iso Alu	0,5 0,5	53 53	- -	0,036 0,082	0,68 0,76	33 33	-2 -2	-6 -6	✓ ✓	✓ ✓
4bESG/18Ar/4/18Ar/b4ESG	3T6	Low-Carbon iplus	Iso Alu	0,5 0,5	55 55	- -	0,036 0,082	0,68 0,76	33 33	-2 -2	-6 -6	✓ ✓	✓ ✓
6b/18Ar/4/16Ar/b4	33U	Low-Carbon iplus	Iso Alu	0,5 0,5	52 52	- -	0,036 0,082	0,68 0,76	36 36	-2 -2	-6 -6	✓ ✓	✓ ✓
4b/16Ar/4/15Ar/ b44.2(VSG-S)	34N	Low-Carbon iplus	Iso Alu	0,6 0,6	52 52	- -	0,036 0,082	0,73 0,81	38 38	- -	- -	✓ ✓	✗ ✗
44b.2(VSG-S)/15Ar/ 4/12Ar/ b44.2(VSG-S)	3FH	Low-Carbon iplus	Iso Alu	0,6 0,6	47 47	- -	0,036 0,082	0,73 0,81	40 40	- -	- -	✓ ✓	✗ ✗
6b/18Ar/6/18Ar/b6	3FA	Low-Carbon iplus	Iso Alu	0,5 0,5	51 51	- -	0,036 0,082	0,68 0,76	34 34	-2 -2	-5 -5	✓ ✓	✓ ✓
6bESG/18Ar/6/18Ar/b6ESG	3FC	Low-Carbon iplus	Iso Alu	0,5 0,5	53 53	- -	0,036 0,082	0,68 0,76	34 34	-2 -2	-5 -5	✓ ✓	✓ ✓
8b/16Ar/6/18Ar/b6	3FB	Low-Carbon iplus	Iso Alu	0,5 0,5	50 50	- -	0,036 0,082	0,68 0,76	37 37	-2 -2	-5 -5	✓ ✓	✓ ✓
8bESG/16Ar/6/18Ar/b6ESH	3FE	Low-Carbon iplus	Iso Alu	0,5 0,5	52 52	- -	0,036 0,082	0,68 0,76	37 37	-2 -2	-5 -5	✓ ✓	✓ ✓
6b/16Ar/5/18Ar/ b44.2(VSG-S)	3F8	Low-Carbon iplus	Iso Alu	0,5 0,5	51 51	- -	0,036 0,082	0,68 0,76	41 41	-2 -2	-6 -6	✓ ✓	✓ ✓

Internorm takes responsibility for the environment and climate**Internorm's use of low-carbon iplus glass saves 10,000 t of CO₂ eq annually**

Glass is an fundamental component in window production. As Europe's leading window brand, we take our responsibility seriously, and incorporate low-carbon iplus insulating glazing in our product range as standard.

In order to reduce greenhouse gas emissions, we analysed the entire low-carbon float glass production chain. This included activities before, during and after the actual manufacturing process, right through to delivery to the customer.

The result is a 4 mm thick, low-carbon float glass with a reduced carbon footprint of 5.5 kg CO₂ eq/m² that delivers emission savings of over 45%.

What turns low-carbon iplus glass into thermally insulated glass?

- Use of low-emission raw materials
- Use of highly efficient melting furnaces including electric boosting
- At least 50% recycled content, to conserve valuable raw materials
- Utilisation of renewable energies
- Optimised transport throughout the entire supply chain