KS 430

UPVC & UPVC/ALUMINIUM LIFT-SLIDING DOOR

TECHNICAL DATA:

Thermal insulation

Thermal insulation **U_w up to 0.64 W/m²K**, passive house suitable

Thermal insulation

Toughened glass panes as standard inside and outside protect from injuries when glass breakage occurs

Modern, square-edged interior and exterior appearance

Large-scale elements – easy lifting and sliding of sash up to 400 kg sash weight

Can be combined with timber/ aluminium window systems

Soft/lift as standard for easy lifting and smooth lowering of sliding element

Highly thermally insulating glass fibre threshold for optimum thermal insulation and stability

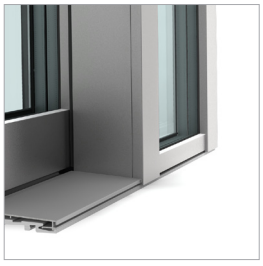
Low threshold – especially suitable for refurbishments (optional)

Guiding rail concealed in frame with integrated stopper buffer – for perfect appearance, smooth operation and optimum burglary protection

Fixed element glazing is directly in the frame – no visible sash profile, more light through narrow view widths

Unlimited choice of colours due to aluminium surface

Burglary protection: resistance classes RC1, RC2N and RC2 available upon request



EXTRA-LOW THRESHOLD

An extra-low glass fibre threshold allows comfortable passing and is best suitable for wheel-chair access.

DESIGN CLAIM

The fixed element glazing is fitted directly into the frame. Thus, there is no visible sash profile and more light enters in due to narrow view widths.

MANY DESIGNS

Optional sash imitation for perfect optical glass line.

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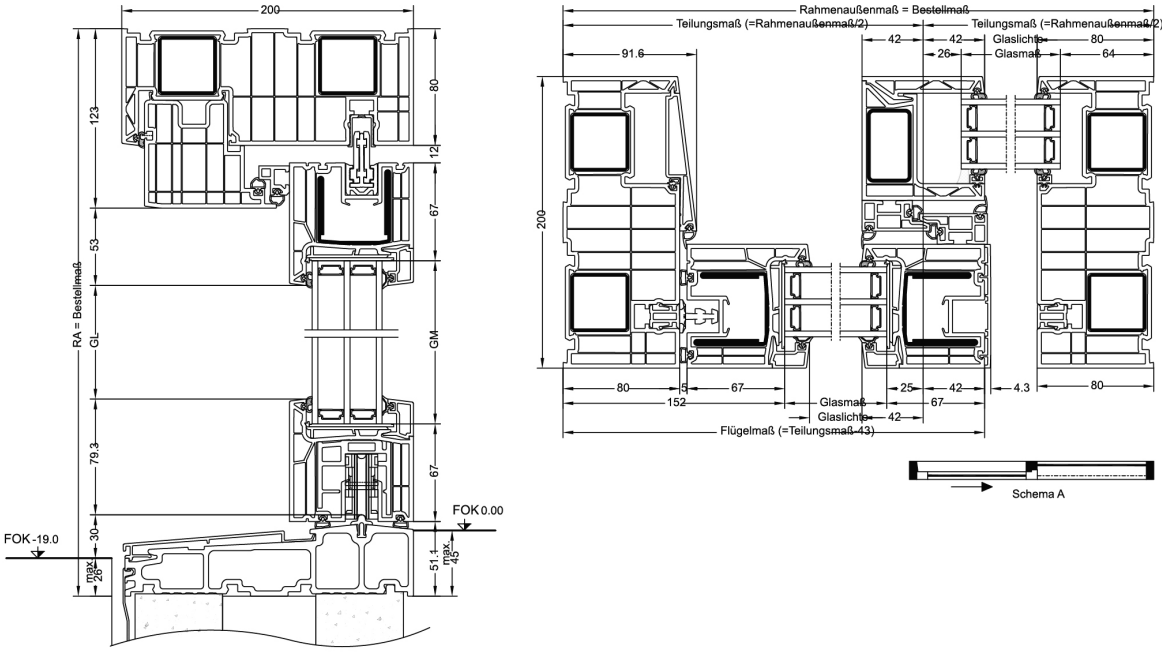
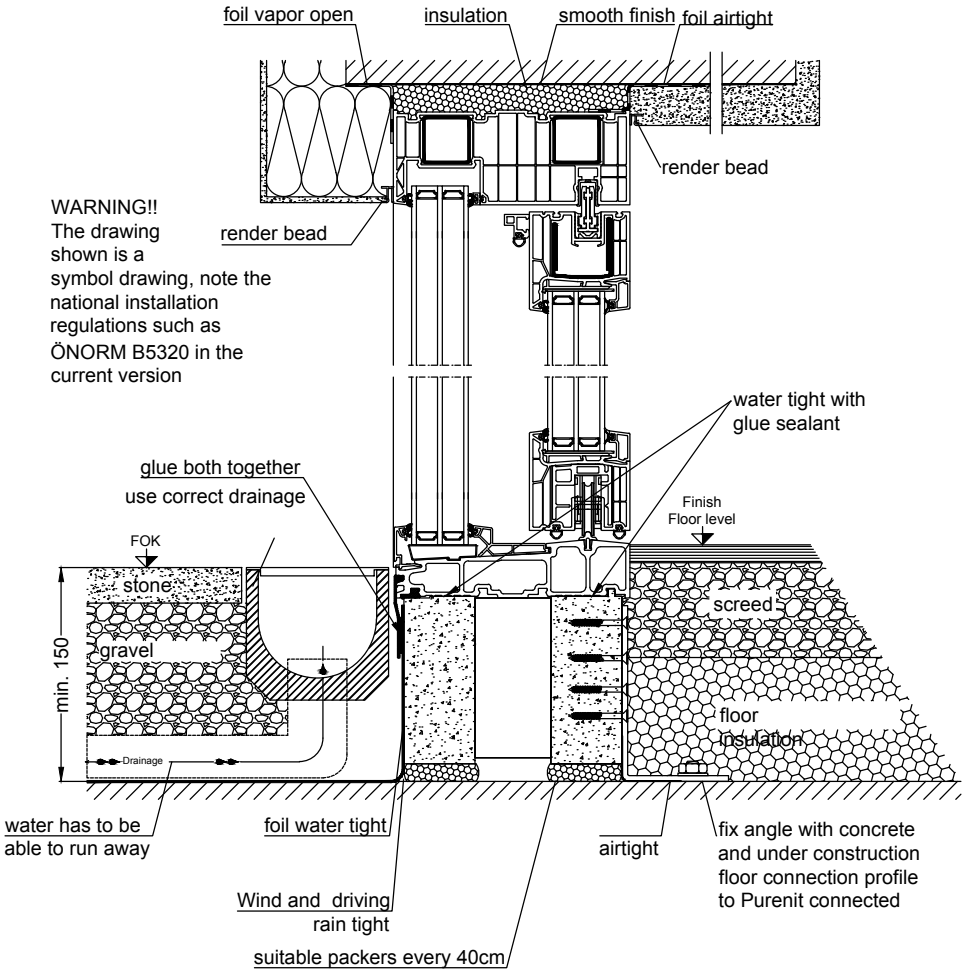
Sectional drawings



Construction connections



UPVC AND UPVC/ALUMINIUM LIFT-SLIDING DOOR

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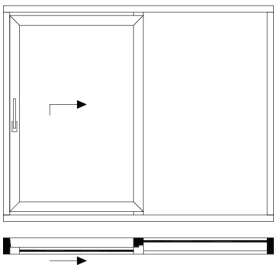
Internorm

- **Models**
- **Model A**: Sash/fixed glazing
- **Model C**: Fixed glazing/sash/sash/fixed glazing
- **Model G**: Fixed glazing/sash/fixed glazing

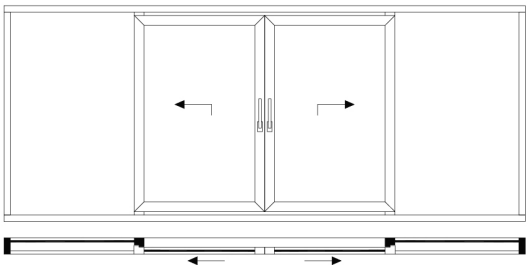
Technical information

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

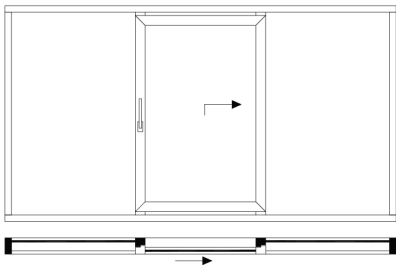
Model A



Model C



Model G



Values

System	Glass construction	Glass Code	Spacer	Coating	Ug	Psi	Uw	Thermal Certif.	Rw	C	Ctr	Sound Certif.
KS430	4b/18Ar/4/18Ar/b4	3N2	Iso	light	0.5	0.036	0.68	yes	33	-2	-6	yes
				solar+	0.6	0.036	0.73	yes	33	-2	-6	yes
			Alu	light	0.5	0.082	0.76	yes	33	-2	-6	yes
				solar+	0.6	0.082	0.81	yes	33	-2	-6	yes
	4bESG/18Ar/4/18Ar/b4ESG	3T6	Iso	light	0.5	0.036	0.68	yes	33	-2	-6	yes
				solar+	0.6	0.036	0.73	yes	33	-2	-6	yes
			Alu	light	0.5	0.082	0.76	yes	33	-2	-6	yes
				solar+	0.6	0.082	0.81	yes	33	-2	-6	yes
	4bESG/18Ar/4ESG/18Ar/b4ESG	3N3	Iso	light	0.5	0.036	0.68	yes	33	-2	-6	yes
				solar+	0.6	0.036	0.73	yes	33	-2	-6	yes
			Alu	light	0.5	0.082	0.76	yes	33	-2	-6	yes
				solar+	0.6	0.082	0.81	yes	33	-2	-6	yes
	6b/18Ar/6/18Ar/b6	3FA	Iso	light	0.5	0.036	0.68	yes	34	-2	-5	yes
				solar+	0.6	0.036	0.73	yes	34	-2	-5	yes
			Alu	light	0.5	0.082	0.76	yes	34	-2	-5	yes
				solar+	0.6	0.082	0.81	yes	34	-2	-5	yes
	6bESG/18Ar/6/18Ar/b6ESG	3FC	Iso	light	0.5	0.036	0.68	yes	34	-2	-5	yes
				solar+	0.6	0.036	0.73	yes	34	-2	-5	yes
			Alu	light	0.5	0.082	0.76	yes	34	-2	-5	yes
				solar+	0.6	0.082	0.81	yes	34	-2	-5	yes
	6bESG/18Ar/6ESG/18Ar/b6ESG	3FD	Iso	light	0.5	0.036	0.68	yes	34	-2	-5	yes
				solar+	0.6	0.036	0.73	yes	34	-2	-5	yes
			Alu	light	0.5	0.082	0.76	yes	34	-2	-5	yes
				solar+	0.6	0.082	0.81	yes	34	-2	-5	yes

ATTENTION: Glass codes with U_g better than 0.7 and aluminium spacers are not recommended due to the low temperature in the glass edge area and need to be ordered via special enquiry.

U_w values: Calculation acc. to EN ISO 10077; Model: Model A (1 sliding element, 1 fixed element); size 3800 x 2500mm

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