

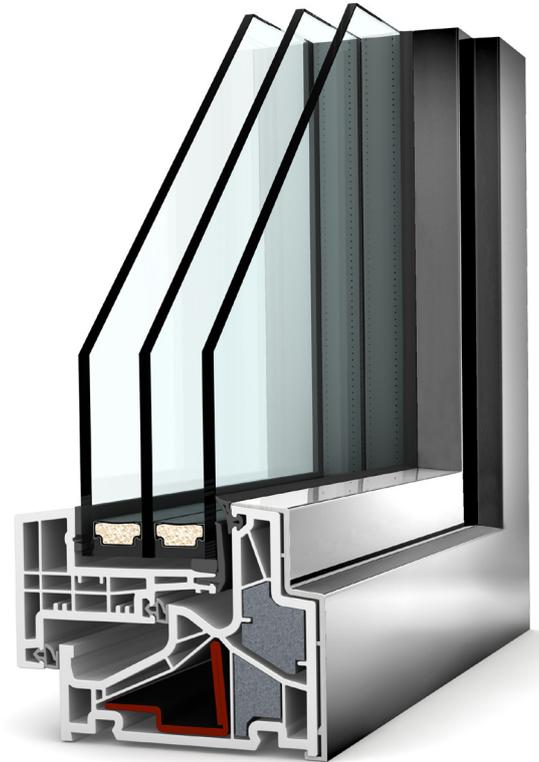
home pure **KF 500**

UPVC &
UPVC/ALUMINIUM WINDOW

TECHNICAL DATA:

- Design** Modern, square-edged outside and inside design
- Frame outside with stylised sash
- Window sash in completed glass appearance
- Thermal insulation** Thermal insulation with standard triple glazing and highly thermally insulating edge seal
($U_g = 0.5 \text{ W/m}^2\text{K}$) $U_w = 0.69 \text{ W/m}^2\text{K}$
- For best energy efficiency SOLAR+ glazing ($U_g = 0.6 \text{ W/m}^2\text{K}$; g value 62 %) $U_w = 0.76 \text{ W/m}^2\text{K}$
- Sound insulation** Soundproofing up to 46 dB (with corresponding glazing)
- System description** 90/93 mm construction depth
- FIX-O-ROUND Technology
- Revolutionary I-tec locking as standard, this means fully integrated concealed hardware
- Secustik handle as standard, RC2N as standard (without lockable handle) acc. to EN 1627-1630
- Triple gasket system
- Multi-chamber system with additional highly heat insulating thermal foam (HCFC, HFC and FC free)
- More light due to narrow view widths up to 80 mm
- Upon request with I-tec ventilation

I-tec



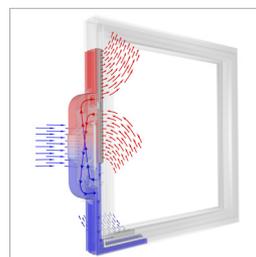
UPVC VERSION

Alongside the aluminium clad version in all colours, the classical white UPVC version is also available.



I-TEC LOCKING

Integrated flaps guarantee maximum burglary protection already in the standard version (security class RC2N). When locking the window, you press on all sides towards the inside of the frame. Levering of the window becomes impossible.

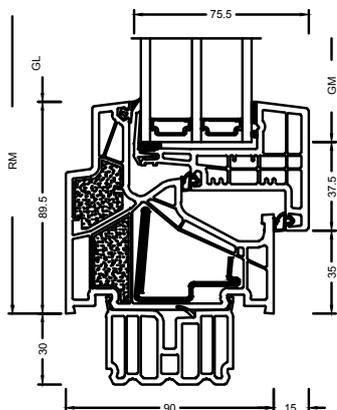


I-TEC VENTILATION

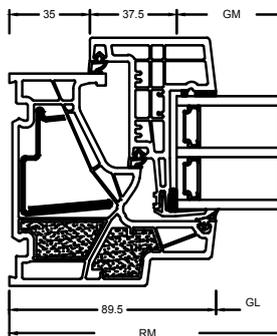
Individual control of fresh air for every room: without big heat losses, without pollen pollution, without outside noise and with increased security.

Sectional drawings

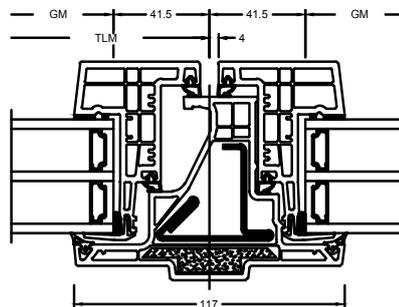
Vertical section



Horizontal section

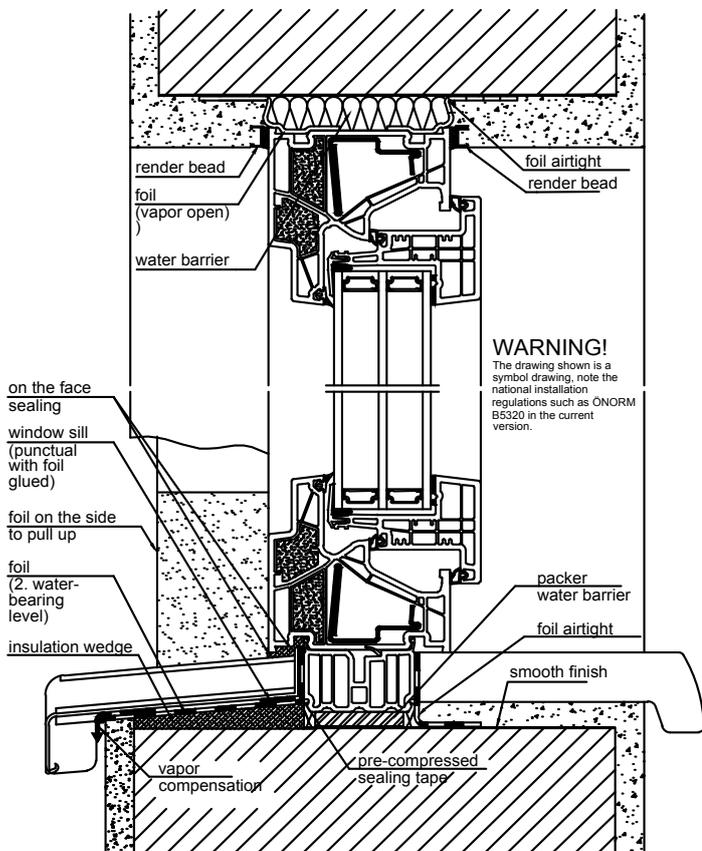


Flying mullion section

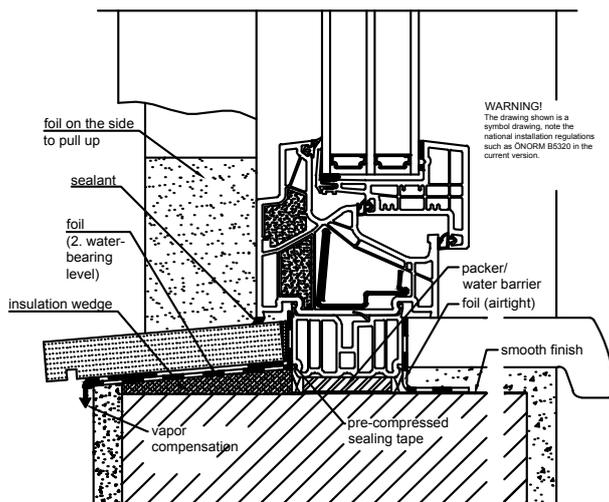


Construction connections

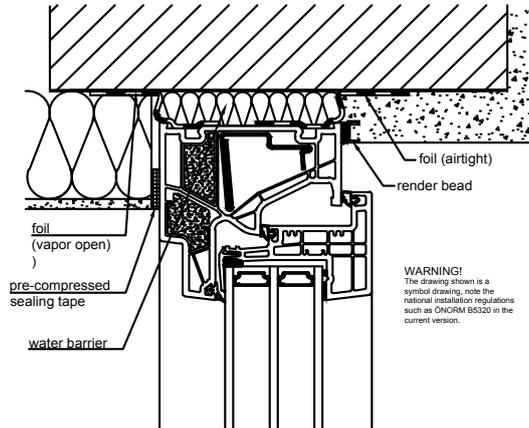
render inside and outside.
 Alu sill on the bottom.



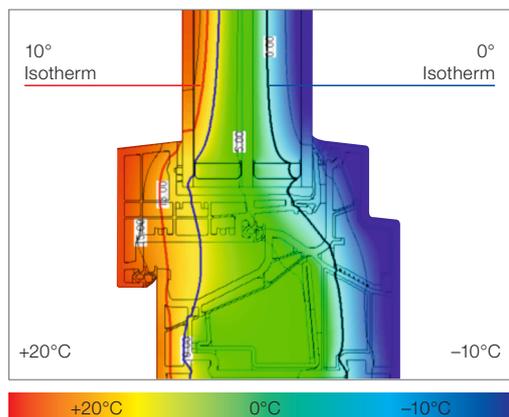
building connection with stone-window sill.



Upper connection with thermal insulation.



ATTENTION! The depicted drawing is symbolical only, please observe national fitting instructions such as ÖNORM B5320 in its respective valid version.



Optimal isotherm gradient to ensure low amounts of condensation

Due to the deep glass position, tremendous construction depth and the directly glued window panes glazing LIGHT ($U_g = 0.5 \text{ W/m}^2\text{K}$) achieves a U_w value of $0.69 \text{ W/m}^2\text{K}$ (with ISO spacer).

Technical information

Multi-chamber system with additional highly heat insulating thermal foam (HCFC, HFC and FC free), all around glueing of the panes and sendzimir-galvanised reinforcement profile in the frame

- Inside: white
- Outside: available with aluminium clad in all RAL colours as well as attractive timber decor, metallic decor, anodised, HF, HFM and 'stainless steel look' colours
- Frame profile with construction depth of 90/93 mm
- Sash profile with construction depth of 75 mm
- 2 gaskets in sash profile (stopper and centre gasket) in light grey
- Stopper gaskets in frame with UPVC version light grey, with UPVC/aluminium version – choice of light grey or black
- Frame and post connections are welded
- Glazing thickness: 48 mm
- Fitting versions: wall cramp, rawl plug or screw fitting

Values

System	Glass construction	Glass code	Spacer	Coating	U _g	U _f	Psi	U _w	Thermal certif.	R _w	g	C _{tr}	Sound Certif.
KF500	4b/18Ar/4/18Ar/b4	3N2	Iso	light	0.5	0.93	0.032	0.69	yes	35	-2	-6	yes
				solar+	0.6	0.93	0.032	0.76	yes	35	-2	-6	yes
			Alu	light	0.5	0.93	0.071	0.79	yes	35	-2	-6	yes
				solar+	0.6	0.93	0.071	0.87	yes	35	-2	-6	yes
	6b/18Ar/4/16Ar/b4	33U	Iso	light	0.5	0.93	0.032	0.69	yes	39	-2	-7	yes
				solar+	0.6	0.93	0.032	0.76	yes	39	-2	-7	yes
			Alu	light	0.5	0.93	0.071	0.79	yes	39	-2	-7	yes
				solar+	0.6	0.93	0.071	0.87	yes	39	-2	-7	yes
	4b/16Ar/4/15Ar/b44.2(VSG-S)	34N	Iso	light	0.6	0.93	0.032	0.76	yes	42	-2	-7	yes
				solar+	0.7	0.93	0.032	0.84	yes	42	-2	-7	yes
			Alu	light	0.6	0.93	0.071	0.87	yes	42	-2	-7	yes
				solar+	0.7	0.93	0.071	0.94	yes	42	-2	-7	yes
44b.2(VSG-S)/15Ar/4/12Ar/b44.2(VSG-S)	3FH	Iso	light	0.7	0.93	0.032	0.84	yes	46	-2	-6	no	
			solar+	0.7	0.93	0.032	0.84	yes	46	-2	-6	no	
		Alu	light	0.7	0.93	0.071	0.94	yes	46	-2	-6	no	
			solar+	0.7	0.93	0.071	0.94	yes	46	-2	-6	no	