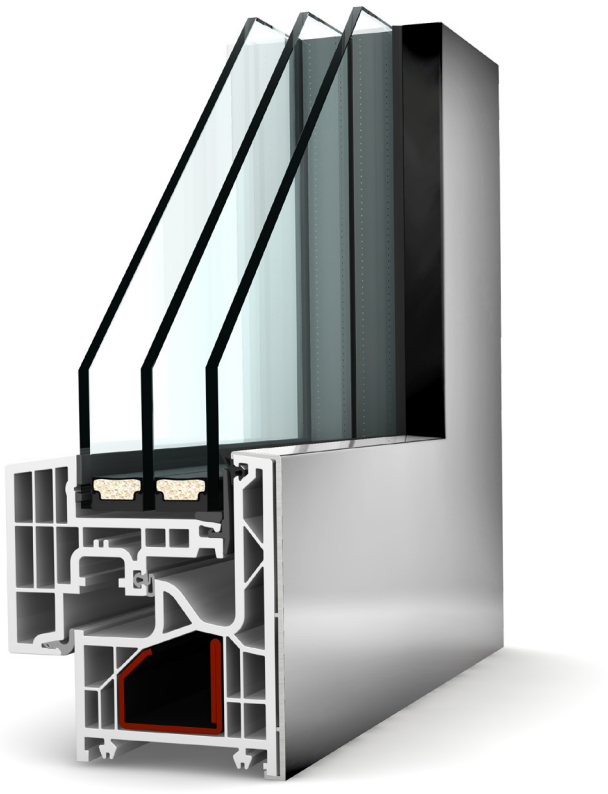
studio **KF 220**

UPVC &
UPVC/ALUMINIUM WINDOW



TECHNICAL DATA:

Design

Sash in Vetro design allows frameless architecture

Glass sash - no difference in outside view between fixed and openable elements

Frameless glass architecture - window can be rendered on three sides

Thermal insulation

Thermal insulation with standard triple glazing LIGHT (U_g = 0.5 W/m²K) U_w = 0.74 W/m²K

Best thermal insulation
U_w up to 0.67 W/m²K
(with corresponding glazing)

Sound insulation

Soundproofing up to 43 dB (with corresponding glazing)

System description

68/71 mm construction depth

FIX-O-ROUND Technology

Fully concealed standard hardware

Standard security

Triple gasket system

Narrow view width up to 98 mm

I-tec

I-tec Glazing FIX-O-ROUND Technology

UPVC VERSION

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

SOPHISTICATED DESIGN

Outside Vetro design (small offset area between frame to glass edge).

I-TEC GLAZING
FIX-O-ROUND TECHNOLOGY

Continuous all around fixing of the glass pane for better stability, thermal and sound insulation, burglary protection and functioning security.

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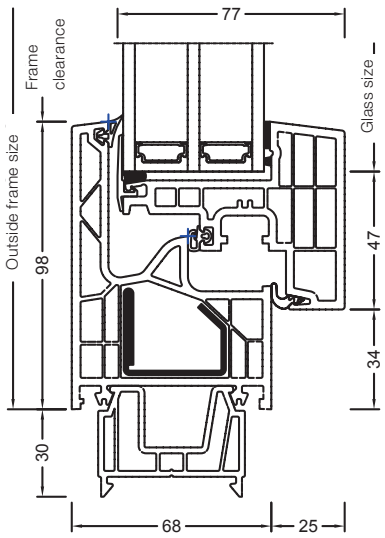
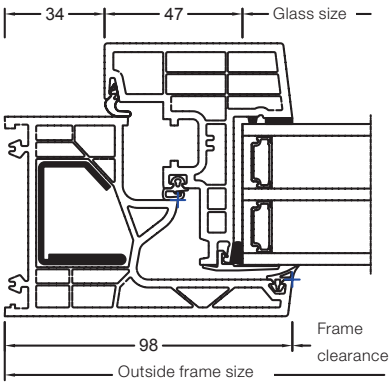
Sectional drawings

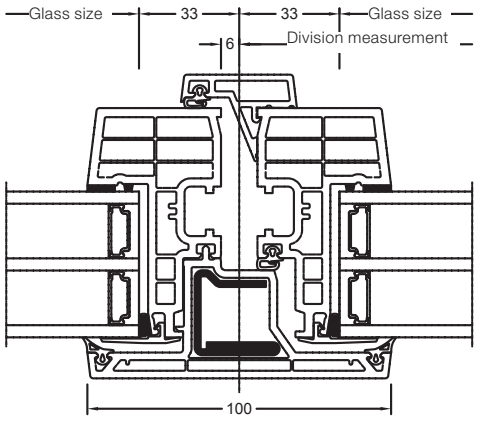
Vertical



Horizontal

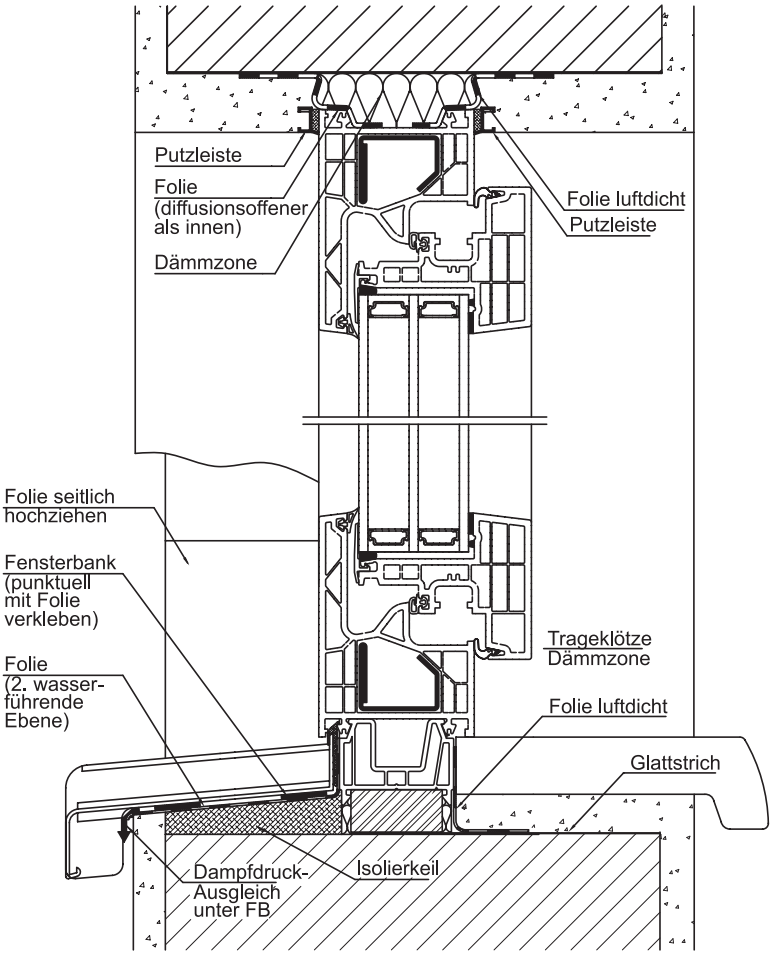


Flying mullion

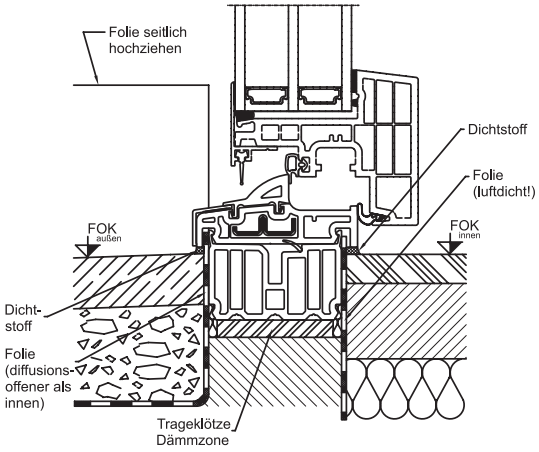


Construction connections

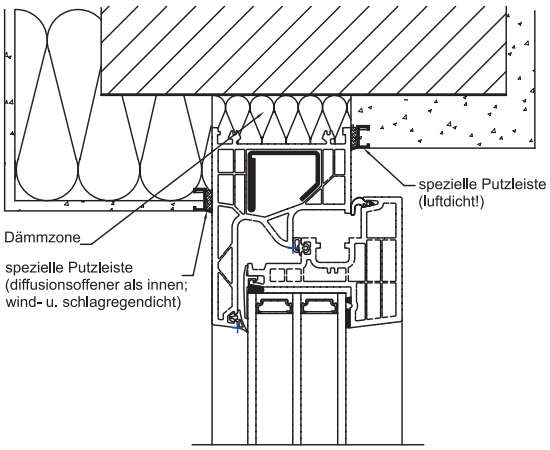
Putzanschluss innen und außen.
Unterer Anschluss mit Alu-Sohlbank.



Unterer Anschluss mit Bodenschwelle.



Oberer Anschluss mit Vollwärmeschutz.



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

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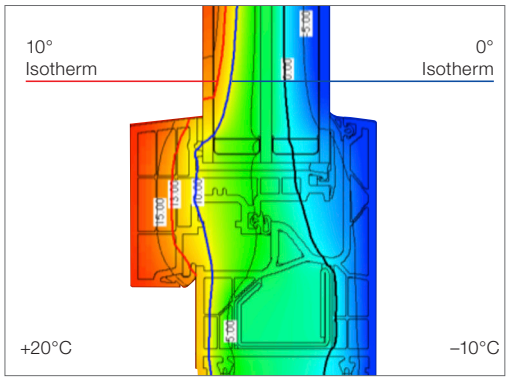

Optimal isotherm gradient to ensure low amounts of condensation

Due to the deep glass position, enorme construction depth and the directly glued window panes glazing LIGHT (U_g = 0.5 W/m²K) can achieve a sensational U_w value of 0.74 W/m²K (with ISO spacer).

Technical information

5 chamber UPVC profile with all around glueing of the panes and sendzimir-galvanised reinforcement profile in the frame:

- Inside: white
- Outside: available in white or with aluminium clad in all RAL colours as well as attractive timber decor, metallic decor, HF, HFM and ‘stainless steel look‘ colours
- Frame profile with construction depth of 68 mm, in UPVC/aluminium version with 71 mm
- Sash profile with construction depth of 77 mm
- 2 gaskets in sash profile (stopper and centre gasket) in light grey
- Stopper gaskets in frame – 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
- Glass panes glued all around and sealed with transparent silicone

Values

System	Glass construction	Glass code	Spacer	Coating	Ug	Uf	Psi	Uw	Thermal Certificate	Rw	C	Ctr	Sound Certificate
KF200	4/16Ar/b4	20L	Iso	light	1.1	1.2	0.040	1.2	yes	34	-2	-5	yes
			Alu	light	1.1	1.2	0.064	1.3	yes	34	-2	-5	yes
	8/12Kr/b4	2KA	Iso	light	1.0	1.2	0.040	1.2	yes	39	-2	-4	yes
			Alu	light	1.0	1.2	0.064	1.2	yes	39	-2	-4	yes
	4b/12Ar/4/12Ar/b4	3NK	Iso	light	0.7	1.2	0.038	0.95	yes	33	-1	-5	yes
				solar+	0.8	1.2	0.038	1.0	yes	33	-1	-5	yes
			Alu	light	0.7	1.2	0.071	1.0	yes	33	-1	-5	yes
				solar+	0.8	1.2	0.71	1.1	yes	33	-1	-5	yes
	4b/14Ar/4/14Ar/b4	38K	Iso	light	0.6	1.2	0.038	0.88	yes	33			no
				solar+	0.7	1.2	0.038	0.95	yes	33			no
			Alu	light	0.6	1.2	0.071	0.96	yes	33			no
				solar+	0.7	1.2	0.071	1.0	yes	33			no
	6b/10Ar/5/10Ar/b5	3P5	Iso	light	0.8	1.2	0.038	1.0	yes	39			no
			Alu	light	0.8	1.2	0.071	1.1	yes	39			no

Internorm Windows UK Ltd
Unit D, Colindale Business Park
2-10 Carlisle Road, NW9 0HN, London
Tel.: +44 (0) 208 205 9991
Fax: +44 (0) 208 905 8744
Email: office@internorm.co.uk

www.internorm.com