



## home pure KF 410

# UPVC & UPVC/ALUMINIUM WINDOW

#### **TECHNICAL DATA:**

Design

Modern, square-edged exterior and interior design

Can be perfectly combined with timber/aluminium windows due to same outside appearance

Thermal insulation

Thermal insulation with standard triple glazing and highly thermally

insulating edge seal

 $(U_g = 0.5 \text{ W/m}^2\text{K}) U_w = 0.72 \text{ W/m}^2\text{K}$ 

For best energy efficiency SOLAR+ glazing ( $U_g = 0.6 \text{ W/m}^2\text{K}$ ; g value 62 %)  $U_w = 0.79 \text{ W/m}^2\text{K}$ 

Sound insulation

Soundproofing up to 45 dB (with corresponding glazing)

System description

90/93 mm construction depth

FIX-O-ROUND Technology

Fully concealed standard hardware

Standard security

Triple gasket system

5 chamber system with highly heat insulating thermal foam (HCFC, HFC and FC free)

Upon request with I-tec ventilation

I-tec





Passive house certified in the standard version





#### **UPVC VERSION**

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



## 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.



#### 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.

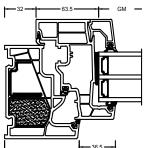
#### UPVC UND UPVC/ALUMINIUM WINDOW

#### **KF 410**



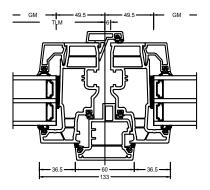
#### Sectional drawings

Vertical section

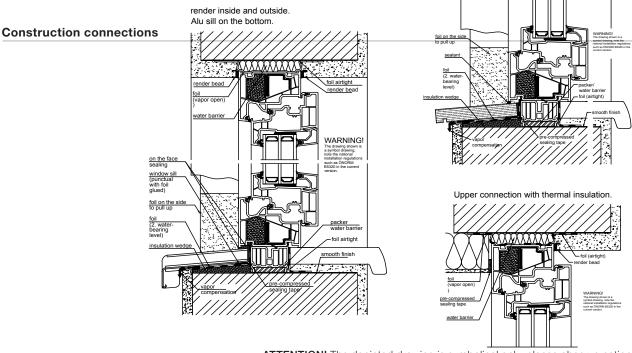


Horizontal section

Flying mullion section

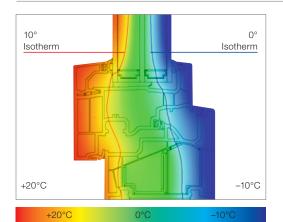


building connection with stone-window sill.



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

#### **Technical information**



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 ( $U_{\text{g}}=0.5~\text{W/m}^2\text{K}$ ) achieves a Uw value of 0.72 W/m2K (with ISO spacer).

5 chamber UPVC profile with highly heat insulating thermal foam (HCFC, HFC and FC free) and sendzimir-galvanised reinforcement iron in frame.

- Inside: available in white or decor colour dark grey
- Outside: available 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 90/93 mm
- Sash profile with construction depth of 96.5 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 and 56 mm
- Fitting versions: wall cramp, rawl plug or screw fitting

#### UPVC UND UPVC/ALUMINIUM WINDOW

### **KF 410**



#### **V**alues

		la:	Glass	Ι.	l	1	T	I	>	Thermal	>		١.	Sound
1	System	Glass construction		Spacer	Coating	Ug	Uf	Psi	Š		ž	ပ	ţ	certificate
1				Iso	light	0.5	0.96	0.033	0.72	yes	34	-2	-6	yes
1		4b/18Ar/4/18Ar/b4	3N2		solar+	0.6	0.96	0.033	0.79	yes	34	-2	-6	yes
Page		4D/16AI/4/16AI/04	3NZ	Alu	light	0.5	0.96	0.073	0.82	yes	34	-2	-6	yes
1966   1966				7.00	solar+	0.6	0.96	0.073	0.89	yes	34	-2	-6	yes
Page		6b/18Ar/4/16Ar/b4		Iso	light	0.5	0.96	0.033	0.72	yes	40	-2	-6	yes
1966   1966			33U		solar+	0.6	0.96	0.033	0.79	yes	40	-2	-6	yes
Part				Alu	light	0.5	0.96	0.073	0.82	yes	40	-2	-6	yes
### Control (150)				740	solar+	0.6	0.96	0.073	0.89	yes	40	-2	-6	yes
998   19		4b/16Ar/4/15Ar/ b44.2(VSG-S)	34N	Iso	light	0.6	0.96	0.033	0.79	yes	42	-3	-8	yes
Page					solar+	0.7	0.96	0.033	0.86	yes	42	-3	-8	yes
Page				Alu	light	0.6	0.96	0.073	0.89	yes	42	-3	-8	yes
Part	1 10			7.00	solar+	0.7	0.96	0.073	0.96	yes	42	-3	-8	yes
Part	Ā	6b/18Ar/5/18Ar/ b44.2(VSG-S)	3NT	Iso	light	0.5	0.96	0.033	0.72	yes	43			no
Part					solar+	0.6	0.96	0.033	0.79	yes	43			no
Part				Alu	light	0.5	0.96	0.073	0.82	yes	43			no
Marie   Mari				7.00	solar+	0.6	0.96	0.073	0.89	yes	43			no
Part   Mart		8b/16Ar/5/18Ar/ b44.2(VSG-S)	3NU	Iso	light	0.5	0.96	0.033	0.72	yes	44			no
Part				130	solar+	0.6	0.96	0.033	0.79	yes	44			no
## 150   10   10   10   10   10   10   10				Alu	light	0.5	0.96	0.073	0.82	yes	44			no
March   Marc					solar+	0.6	0.96	0.073	0.89	yes	44			no
## 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		44b.2(VSG-S)/15Ar/ 4/12Ar/b44.2(VSG-S)	3FH	Iso	light	0.7	0.96	0.033	0.86	yes	45	-1	-5	no
Part				100	solar+	0.7	0.96	0.033	0.86	yes	45	-1	-5	no
				Alu	light	0.7	0.96	0.073	0.96	yes	45	-1	-5	no
Mark				740	solar+	0.7	0.96	0.073	0.96	yes	45	-1	-5	no
Mark		I	Glass	1		Τ	T	Ι	>	Thermal□	>		-	Sound□
### APPLIANS OF THE PARTY OF TH	System	Glass construction		Spacer	Coating□	Ug	Uf	Psi	3		æ	٥	ರ	certificate
## ADDISANCHIBANDA  ## ADD	inserts	4b/18Ar/4/18Ar/b4		leo	light	0.5	1.1	0.033	0.77		34	-2	-6	no
Part				130	solar+	0.6	1.1	0.033	0.84	yes	34	-2	-6	no
Part				Alu	light	0.5	1.1	0.073	0.87	yes	34	-2	-6	no
### PAY  ##				Alu	solar+	0.6	1.1	0.073	0.93	yes	34	-2	-6	no
Part		6b/18Ar/4/16Ar/b4	33U	Iso	light	0.5	1.1	0.033	0.77	yes	40	-2	-6	no
Part				100	solar+	0.6	1.1	0.033	0.84	yes	40	-2	-6	no
9 19 19 19 19 19 19 19 19 19 19 19 19 19				Alu	light	0.5	1.1	0.073	0.87	yes	40		_	no
Alu   Solar+   0.6   1.1   0.073   0.53   yes   43				740	solar+	0.6	1.1	0.073	0.93	yes	40	-2	-6	no
Alu   Solar+   0.6   1.1   0.073   0.53   yes   43		4b/16Ar/4/15Ar/ b44.2(VSG-S)		Iso	light	0.6	1.1	0.033	0.84	yes	42	-3	-8	no
Alu   Solar+   0.6   1.1   0.073   0.53   yes   43			34N		solar+	0.7	1.1	0.033	0.90	yes	42	-3	-8	no
Alu   Solar+   0.6   1.1   0.073   0.53   yes   43	_ <u>E</u>			Alu	light	0.6	1.1	0.073	0.93	yes	42		-8	no
Alu   Solar+   0.6   1.1   0.073   0.53   yes   43	<b>14</b> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				solar+	0.7		-		yes		-3	-8	no
Alu   Solar+   0.6   1.1   0.073   0.53   yes   43	KF without	6b/18Ar/5/18Ar/ b44.2(VSG-S)	3NT	Iso				_						
Alu   Solar+   0.6   1.1   0.073   0.53   yes   43					solar+					yes				no
System   Glass construction   Glass   Coeting   Ug   Uf   Psi   Solar+   O.6   O.6   O.7				Alu										
System   Glass construction   Glass   Code   Coding   Ug   Uf   Psi   S   Thermal   Earl   Certificate   Code   Certificate   Code   Certificate   Certifi		8b/16Ar/5/18Ar/ b44.2(VSG-S)	3NU					-		yes				no
System   Glass construction   Glass   Code   Glass   Glass   Code   Glass   Code   Glass   Glass   Code   Glass   Glass   Code   Glass   Glass   Glass   Code   Glass   Glas				Iso										
Au   Sight   O.5   1.1   O.073   O.87   yes   44         no   no						_				yes				no
System   Glass construction   Glass   Code				Alu										
System   Glass construction   Glass   Space   Coating   Ug   Uf   Psi   S   Thermal   Certificate   \( \frac{\chick}{\chick} \)   \( \frac{\chick}{\chick} \)   Sound   Soun														
Abu		44b.2(VSG-S)/15Ar/ 4/12Ar/ b44.2 (VSG-S)	3FH	Iso		_	_	_		<u> </u>			_	
System   Glass construction   Glass   Code   Coating   Ug   Uf   Psi   3   Thermal   2   Coating   Code   Code   Coating   Code						_				_				
System   Glass construction   Glass   Code				Alu						-				
Variable   Code   Cod					solar+	0.7	1.1	0.073	1.0	yes	45	-1	-5	no
Solar   Sola	System	Glass construction	Glass	Spacer	Coating	Ua	Uf	Psi	_≥		3	c	÷	
Second   S	<u> </u>		code	1,	-									
Horizon   Hori	mnber and window sash			Iso		_								
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	≥			Alu										
		1	<u> </u>		solar+	0.7	0.85	0.073	0.93	yes	45	-1	-5	no

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