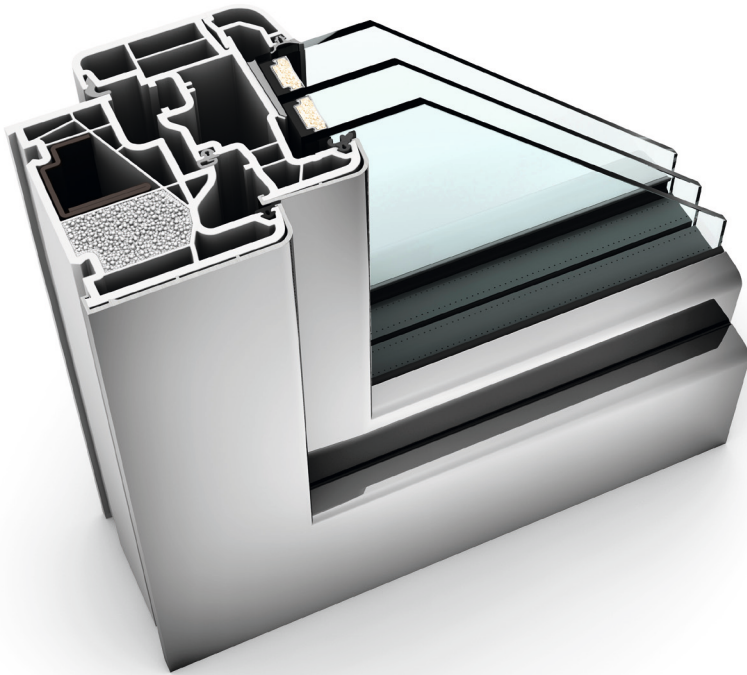







# KF 410 UPVC & UPVC/ALUMINIUM WINDOW



## PROPERTIES

	<b>Thermal insulation</b> $U_w$ as low as 0.62 W/(m <sup>2</sup> K)
	<b>Sound reduction</b> up to 45 dB
	<b>Security</b> RC1N, RC2
	<b>Locking</b> concealed
	<b>Construction depth</b> 90/93 mm

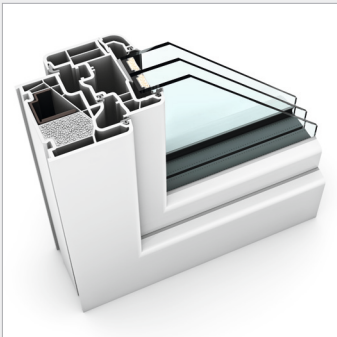
**I-tec Glazing**

**I-tec Ventilation**

**I-tec Insulation**

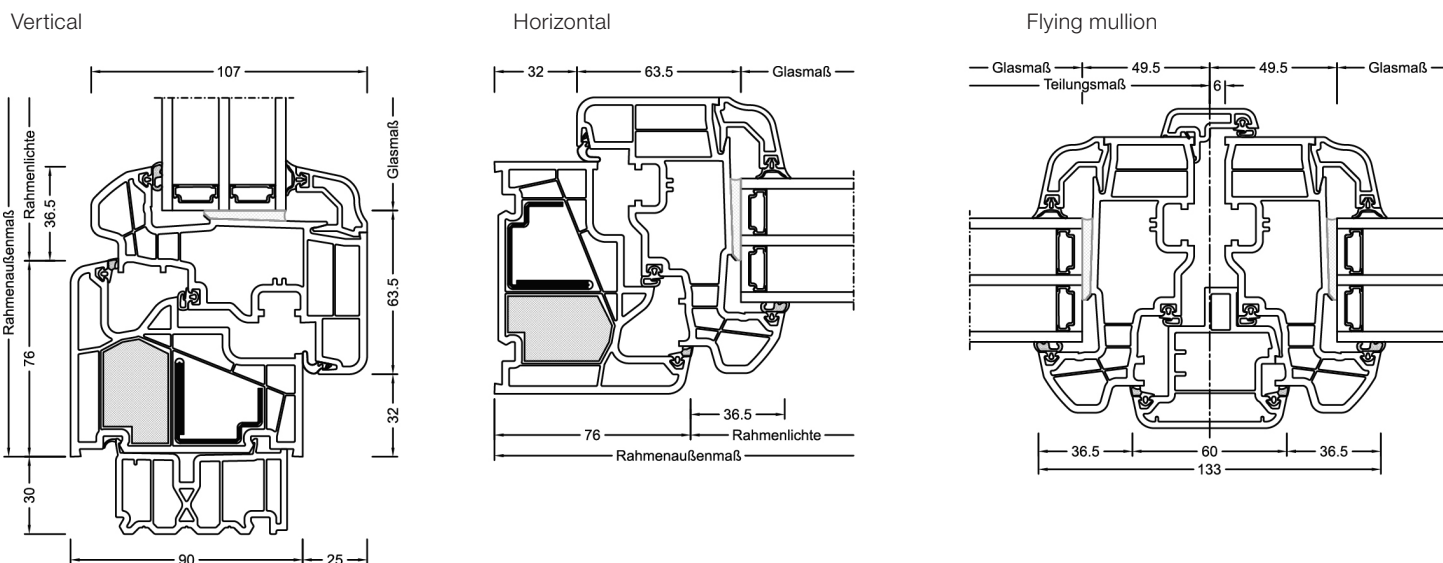


Experience KF 410 interactively now with Augmented Reality



**KF 410**  
 White UPVC windows are the classics with design style home soft. However, with aluminium attachment clads, these windows can also be designed in different colours. The frame is insulated seamlessly through the new I-tec Insulation technology and thermal insulation is considerably improved. Upon request, Internorm's I-tec Ventilation can be integrated in KF 410. This ventilation system ensures sufficient fresh air and ideal room climate 24/7.

**Sections**



**Values**

System	Glass buildup	GC	Spacer	Coating	Ug	g	Uf	Psi	Uw	Thermal certif.	Rw	C	Ctr	Sound certif.
KF410	4b/18Ar/4/18Ar/b4	3N2	Iso	ECLAZ	0.5	60%	0.92	0.033	0.71	YES	34	-2	-6	YES
			Alu	ECLAZ	0.5	60%	0.92	0.073	0.81	YES	34	-2	-6	YES
	6b/18Ar/4/16Ar/b4	33U	Iso	ECLAZ	0.5	59%	0.92	0.033	0.71	YES	40	-2	-6	YES
			Alu	ECLAZ	0.5	59%	0.92	0.073	0.81	YES	40	-2	-6	YES
	4b/16Ar/4/15Ar/ b44.2(VSG-S)	34N	Iso	ECLAZ	0.6	60%	0.92	0.033	0.78	YES	42	-3	-8	YES
			Alu	ECLAZ	0.6	60%	0.92	0.073	0.88	YES	42	-3	-8	YES
	6b/18Ar/5/18Ar/ b44.2(VSG-S)	3NT	Iso	ECLAZ	0.5	58%	0.92	0.033	0.71	YES	43*			no
			Alu	ECLAZ	0.5	58%	0.92	0.073	0.81	YES	43*			no
	8b/16Ar/5/18Ar/ b44.2(VSG-S)	3NU	Iso	ECLAZ	0.5	57%	0.92	0.033	0.71	YES	44*			no
			Alu	ECLAZ	0.5	57%	0.92	0.073	0.81	YES	44*			no
	44b.2(VSG-S)/15Ar/ 4/12Ar/b44.2(VSG-S)	3FH	Iso	ECLAZ	0.7	55%	0.92	0.033	0.85	YES	45*	-1	-5	no
			Alu	ECLAZ	0.7	55%	0.92	0.073	0.95	YES	45*	-1	-5	no

System	Glass buildup	GC	Spacer	Coating	Ug	g	Uf	Psi	Uw	Thermal certif.	Rw	C	Ctr	Sound certif.
KF410 without foam insert	4b/18Ar/4/18Ar/b4	3N2	Iso	ECLAZ	0.5	60%	1.1	0.033	0.77	YES	34*	-2	-6	no
			Alu	ECLAZ	0.5	60%	1.1	0.073	0.87	YES	34*	-2	-6	no
	6b/18Ar/4/16Ar/b4	33U	Iso	ECLAZ	0.5	59%	1.1	0.033	0.77	YES	40*	-2	-6	no
			Alu	ECLAZ	0.5	59%	1.1	0.073	0.87	YES	40*	-2	-6	no
	4b/16Ar/4/15Ar/ b44.2(VSG-S)	34N	Iso	ECLAZ	0.6	60%	1.1	0.033	0.84	YES	42*	-3	-8	no
			Alu	ECLAZ	0.6	60%	1.1	0.073	0.93	YES	42*	-3	-8	no
	6b/18Ar/5/18Ar/ b44.2(VSG-S)	3NT	Iso	ECLAZ	0.5	58%	1.1	0.033	0.77	YES	43*			no
			Alu	ECLAZ	0.5	58%	1.1	0.073	0.87	YES	43*			no
	8b/16Ar/5/18Ar/ b44.2(VSG-S)	3NU	Iso	ECLAZ	0.5	57%	1.1	0.033	0.77	YES	44*			no
			Alu	ECLAZ	0.5	57%	1.1	0.073	0.87	YES	44*			no
	44b.2(VSG-S)/15Ar/ 4/12Ar/ b44.2 (VSG-S)	3FH	Iso	ECLAZ	0.7	55%	1.1	0.033	0.90	YES	45*	-1	-5	no
			Alu	ECLAZ	0.7	55%	1.1	0.073	1.0	YES	45*	-1	-5	no



System	Glass buildup	GC	Spacer	Coating	Ug	g	Uf	Psi	Uw	Thermal certif.	Rw	C	Ctr	Sound certif.
KF410 with additional foam in reinforcement chamber and window sash	4b/18Ar/4/18Ar/b4	3N2	Iso	ECLAZ	0.5	60%	0.85	0.033	0.69	YES	34*	-2	-6	no
			Alu	ECLAZ	0.5	60%	0.85	0.073	0.79	YES	34*	-2	-6	no
	6b/18Ar/4/16Ar/b4	33U	Iso	ECLAZ	0.5	59%	0.85	0.033	0.69	YES	40*	-2	-6	no
			Alu	ECLAZ	0.5	59%	0.85	0.073	0.79	YES	40*	-2	-6	no
	4b/16Ar/4/15Ar/ b44.2(VSG-S)	34N	Iso	ECLAZ	0.6	60%	0.85	0.033	0.76	YES	42*	-3	-8	no
			Alu	ECLAZ	0.6	60%	0.85	0.073	0.86	YES	42*	-3	-8	no
	6b/18Ar/5/18Ar/ b44.2(VSG-S)	3NT	Iso	ECLAZ	0.5	58%	0.85	0.033	0.69	YES	43*			no
			Alu	ECLAZ	0.5	58%	0.85	0.073	0.79	YES	43*			no
	8b/16Ar/5/18Ar/ b44.2(VSG-S)	3NU	Iso	ECLAZ	0.5	57%	0.85	0.033	0.69	YES	44*			no
			Alu	ECLAZ	0.5	57%	0.85	0.073	0.79	YES	44*			no
	44b.2(VSG-S)/15Ar/ 4/12Ar/b44.2(VSG-S)	3FH	Iso	ECLAZ	0.7	55%	0.85	0.033	0.83	YES	45*	-1	-5	no
			Alu	ECLAZ	0.7	55%	0.85	0.073	0.93	YES	45*	-1	-5	no

**ECLAZ®**

Daylight is crucial for our human organism, our wellbeing and our health. Therefore, Internorm windows are equipped with premium glass coating ECLAZ® as standard. The blue components of the light spectrum are transported through the glass more and ensure up to 10 % more daylight. Compared to conventional market glazing, ECLAZ® is offering:

**More aesthetics** – colour-neutral outside view, a combination of function and aesthetics

**More light** – up to 10% more daylight – better for health and wellbeing – a significant advantage especially in the dark winter months\*

**Visual comfort** – for a brilliant view to the outside

**Room comfort** – makes living areas even lighter and friendlier

**Energy efficiency** – excellent insulation of interior thus reducing heating costs - increased energy efficiency in building - up to 11 % less CO<sub>2</sub> emissions

\* In direct comparison to same glass buildups.