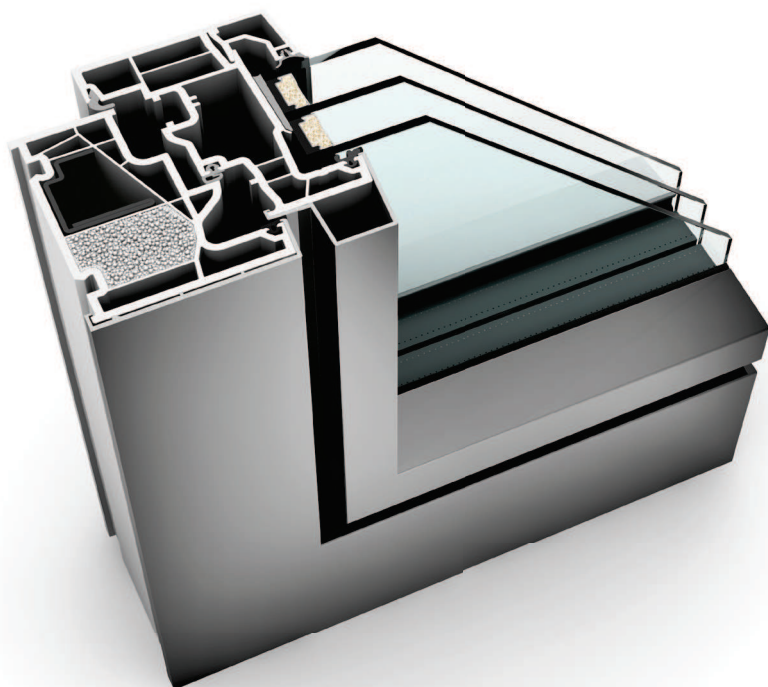


KF 410 UPVC/ALUMINIUM WINDOW



PROPERTIES

	Thermal insulation	U_w as low as 0.62 W/(m²K)
	Sound reduction	up to 45 dB
	Security	RC1N, RC2
	Locking	concealed
	Construction depth	93 mm

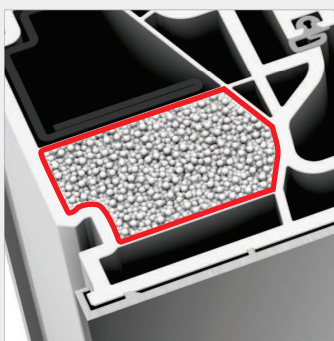
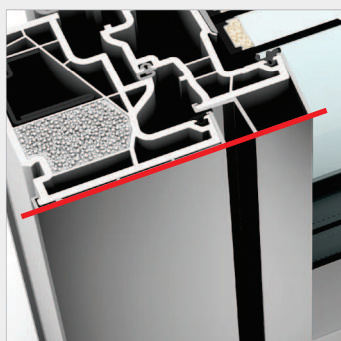
I-tec Glazing

I-tec Ventilation

I-tec Insulation



Experience KF 410 interactively now with Augmented Reality



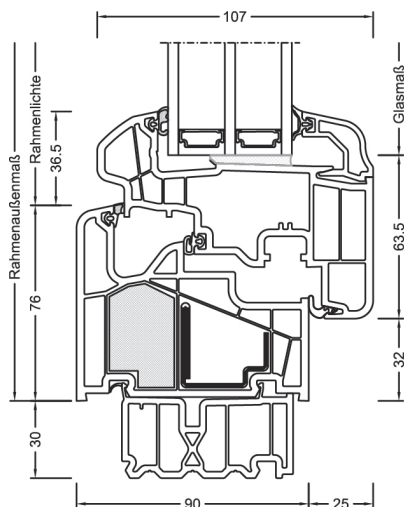
KF 410

The completely flush transition of frame and sash combines KF 410 to one unit. Once the frame is rendered into the brickwork on three sides, only the narrow, square-edged sash frame remains visible. The frame is insulated seamlessly through the new insulation technology and thermal insulation is considerably improved.

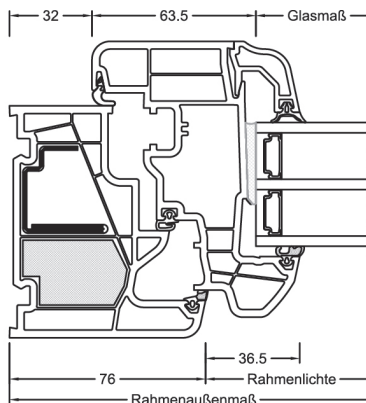
Technological advances with airing are provided by the I-tec Ventilation. The ventilation system which is integrated in the frame ensures sufficient fresh air and ideal room climate 24/7.

Sections

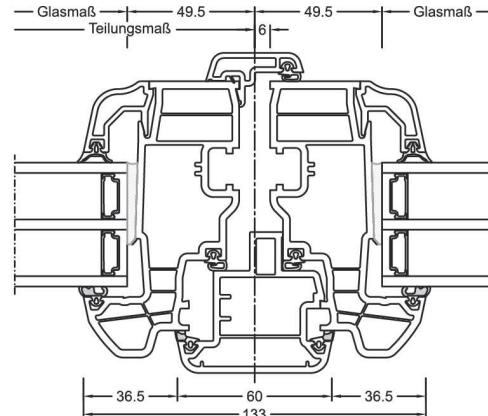
Vertical



Horizontal



Flying mullion



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 CO₂ emissions

* In direct comparison to same glass buildups.