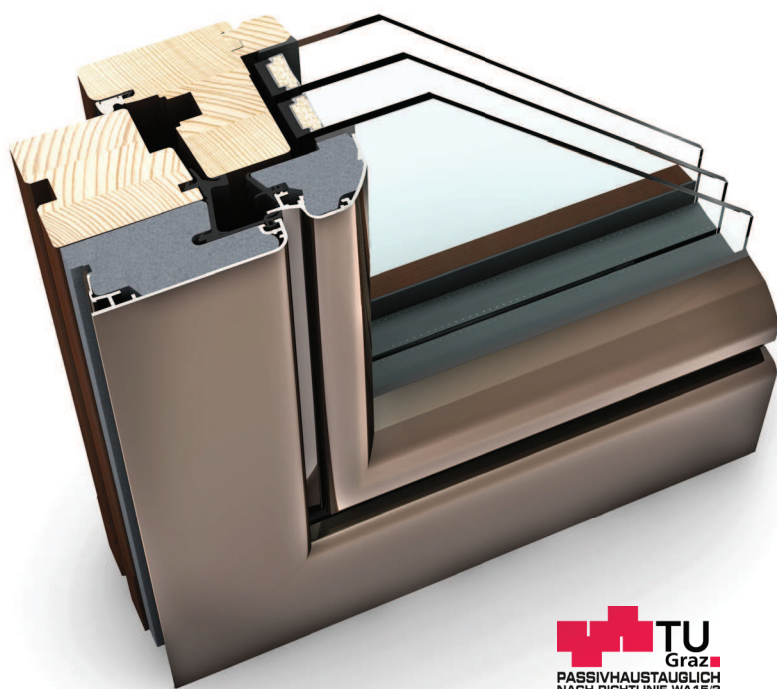




ambiente

HF 310 TIMBER/ALUMINIUM WINDOW

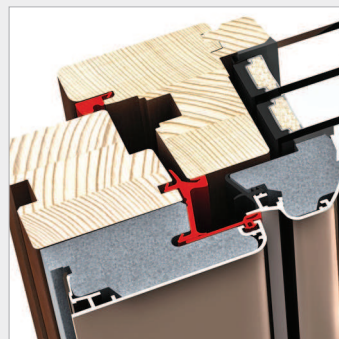
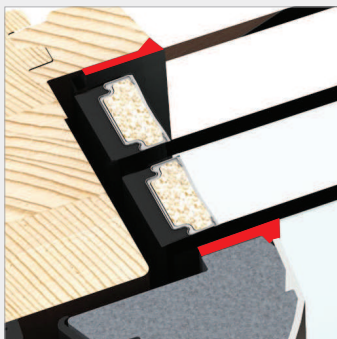
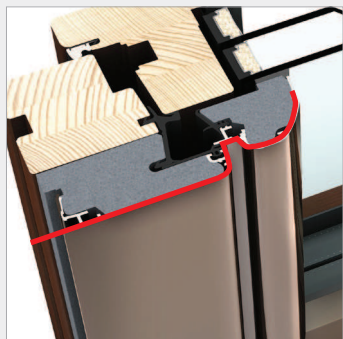


TU
Graz
PASSIVHAUSTÄUGLICH
NACH RICHTLINIE WA15/2

PROPERTIES

	Thermal insulation	U_w as low as 0.62 W/(m²K)
	Sound reduction	up to 46 dB
	Security	RC1N, RC2
	Locking	concealed
	Construction depth	85 mm

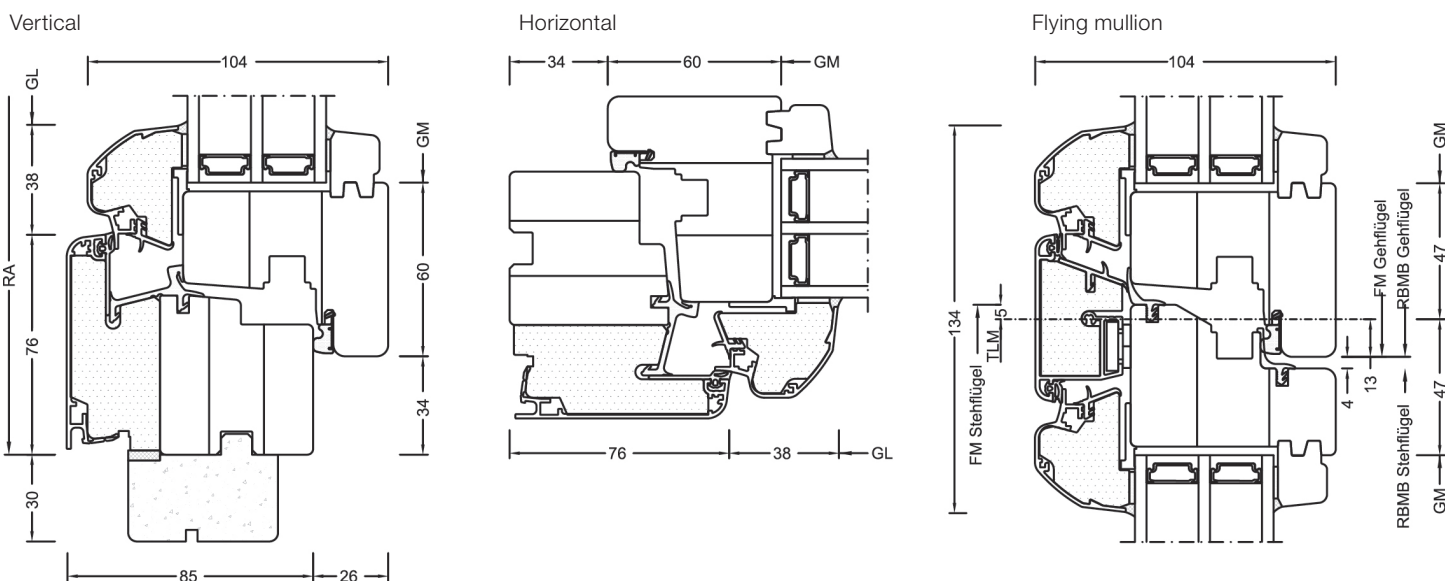
I-tec Glazing



HF 310

HF 310 ensures more living comfort, not only because of its timber inside surface. The profiled edges of frame and sash convey an impressive atmosphere outside and inside. Highly insulating thermal foam and the all round bonding of the glass pane ensure excellent thermal insulation and stability. Triple continuous gaskets prevent water from reaching the timber areas.

Sections



Values

Glass buildup	GC	Spacer	Coating	U _g	g	U _f	Psi	U _w	Thermal certif.	R _w	C	C _{tr}	Sound certif.
4b/18Ar/4/18Ar/b4	3N2	Iso	ECLAZ	0.5	60%	0.86	0.033	0.69	YES	35	-1	-4	YES
		Alu	ECLAZ	0.5	60%	0.86	0.072	0.79	YES				
6b/18Ar/4/16Ar/b4	33U	Iso	ECLAZ	0.5	59%	0.86	0.036	0.77	YES	39	-1	-5	YES
		Alu	ECLAZ	0.5	59%	0.86	0.079	0.88	YES				
44b.2(VSG-S)/15Ar/ 4/12Ar/ b44.2(VSG-S)	3FH	Iso	ECLAZ	0.7	55%	0.86	0.047	0.87	YES	46	-1	-5	YES
		Alu	ECLAZ	0.7	55%	0.86	0.092	0.98	YES				
8/12Kr/b4	2KA	Iso	ECLAZ	1.0	68%	0.89	0.057	1.1	YES	37	-1	-4	YES
		Alu	ECLAZ	1.0	68%	0.89	0.079	1.2	YES				
4/16Ar/b4	20L	Iso	ECLAZ	1.1	71%	0.89	0.035	1.1	YES	33	-2	-4	YES
		Alu	ECLAZ	1.1	71%	0.89	0.057	1.2	YES				
4b/16Ar/4/15Ar/ b44.2 (VSG-S)	34N	Iso	ECLAZ	0.6	60%	0.86	0.036	0.77*	YES	42	-2	-5	YES
		Alu	ECLAZ	0.6	60%	0.86	0.079	0.88*	YES				
4b/12Ar/4/12Ar/b4	3NK	Iso	ECLAZ	0.7	60%	0.86	0.047	0.87	YES	30	-1	-3	YES
		Alu	ECLAZ	0.7	60%	0.86	0.092	0.98	YES				
6b/10Ar/5/10Ar/b5	3P5	Iso	ECLAZ	0.8	58%	0.87	0.034	0.91*	NO	36*	-	-	NO
		Alu	ECLAZ	0.8	58%	0.87	0.061	0.97*					

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.