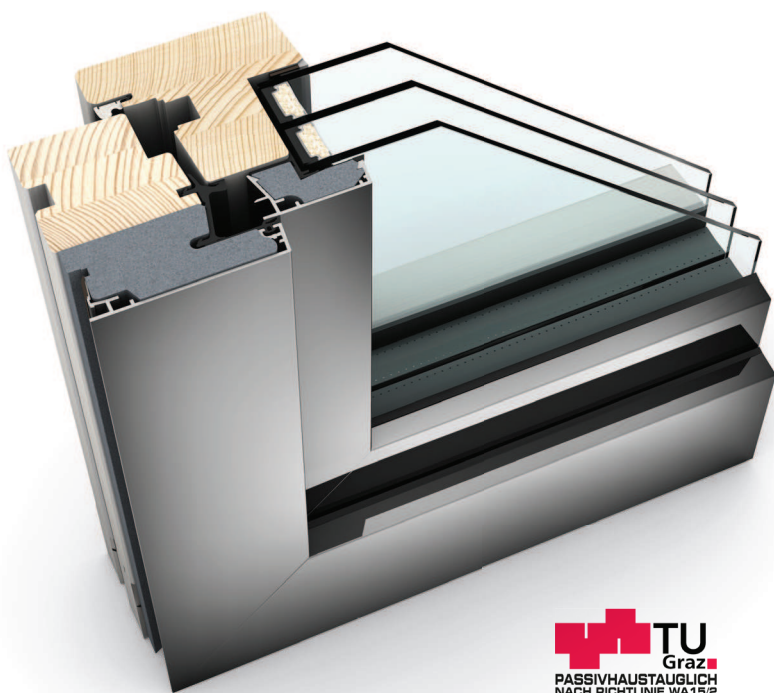







HF 310 TIMBER/ALUMINIUM WINDOW

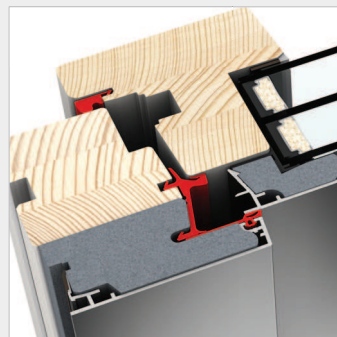
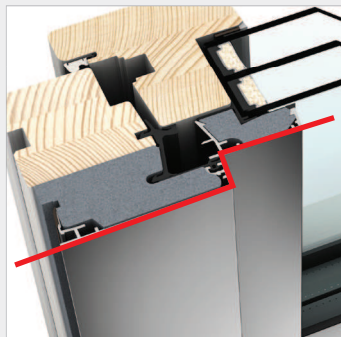


TU
Graz
PASSIVHAUSTÄUGLICH
NACH RICHTLINIE W415/2

PROPERTIES

	Thermal insulation	U_w as low as 0.62 W/(m ² K)
	Sound reduction	up to 46 dB
	Security	RC1N, RC2
	Locking	concealed
	Construction depth	85 mm

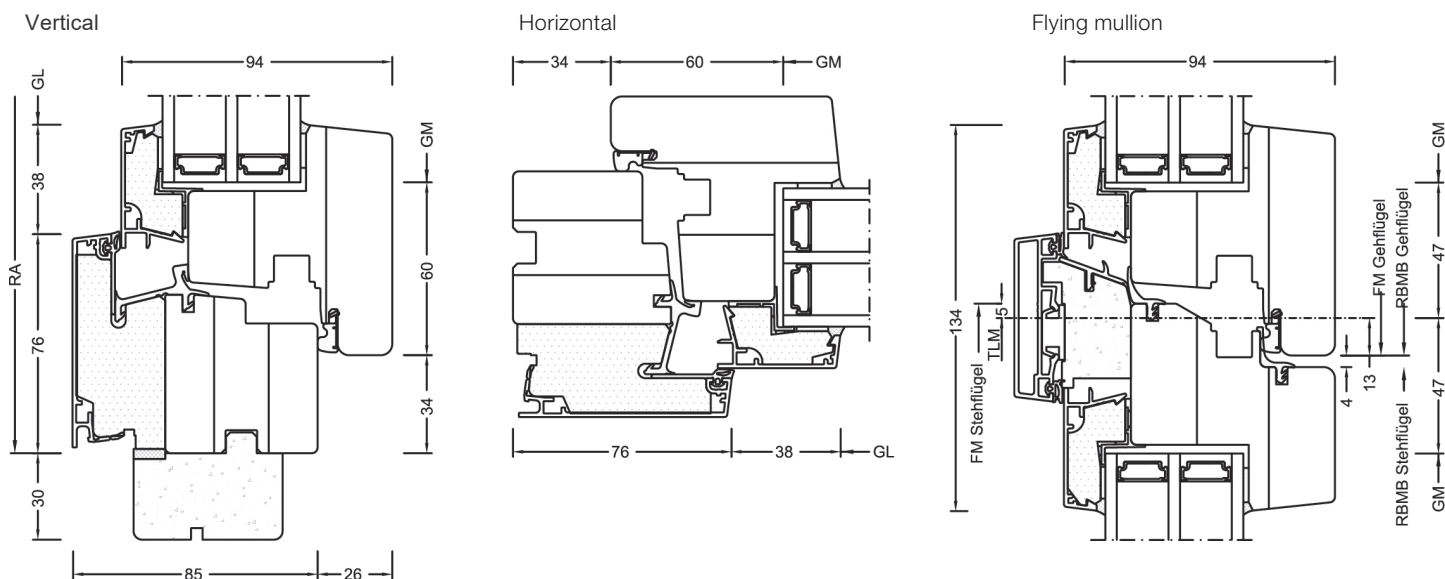
I-tec Glazing



HF 310

HF 310 ensures more living comfort, not only because of its timber inside surface. Highly insulating thermal foam, situated between the timber on the inside and the square-edged aluminium clad on the outside, ensures excellent thermal insulation. The all round bonding of the glass pane with the window frame renders HF 310 secure and stable. Triple continuous gaskets protect the interior area from exposure to rain.

Sections



Values

Glass buildup	GC	Spacer	Coating	U _g	g	U _f	Ψ _i	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				
4b/16Ar/4/15Ar/ b44.2 (VSG-S)	34N	Iso	ECLAZ	0.6	60%	0.86	0.036	0.77*	NO	42	-2	-5	YES
		Alu	ECLAZ	0.6	60%	0.86	0.079	0.88*					

Test certificates in **ambiente** - values for **home pure** and **studio** are identical

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.