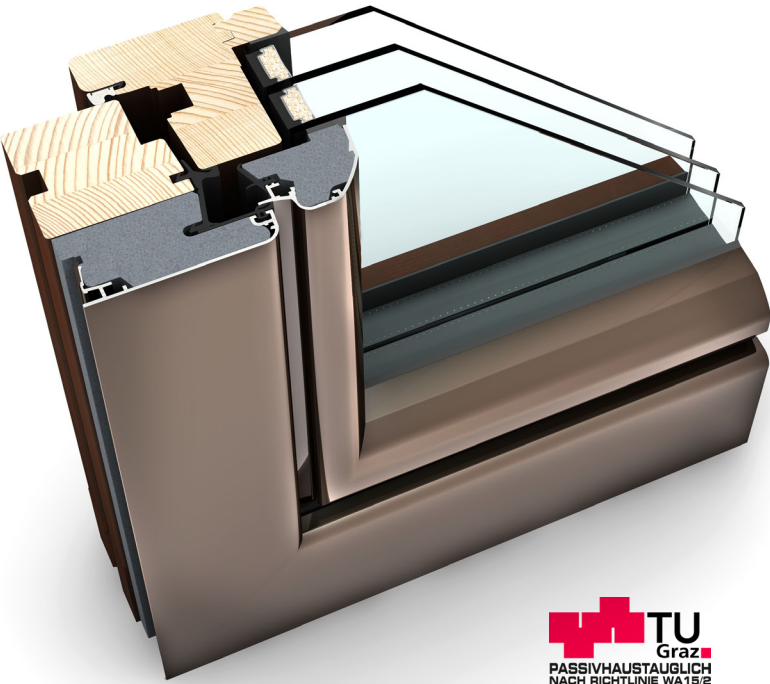




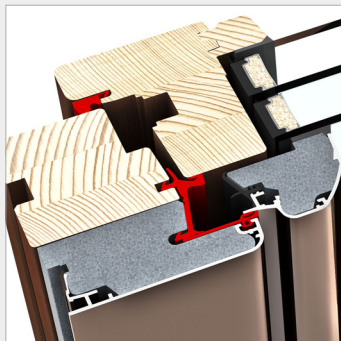
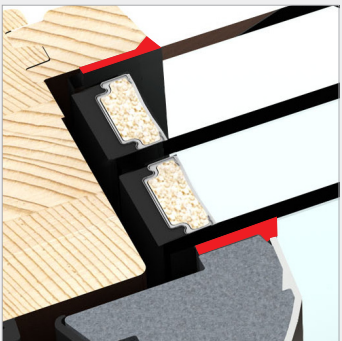
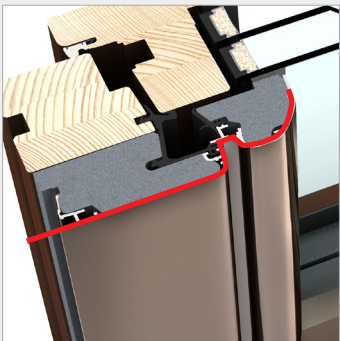
# HF 310 TIMBER/ALUMINIUM WINDOW



## PROPERTIES

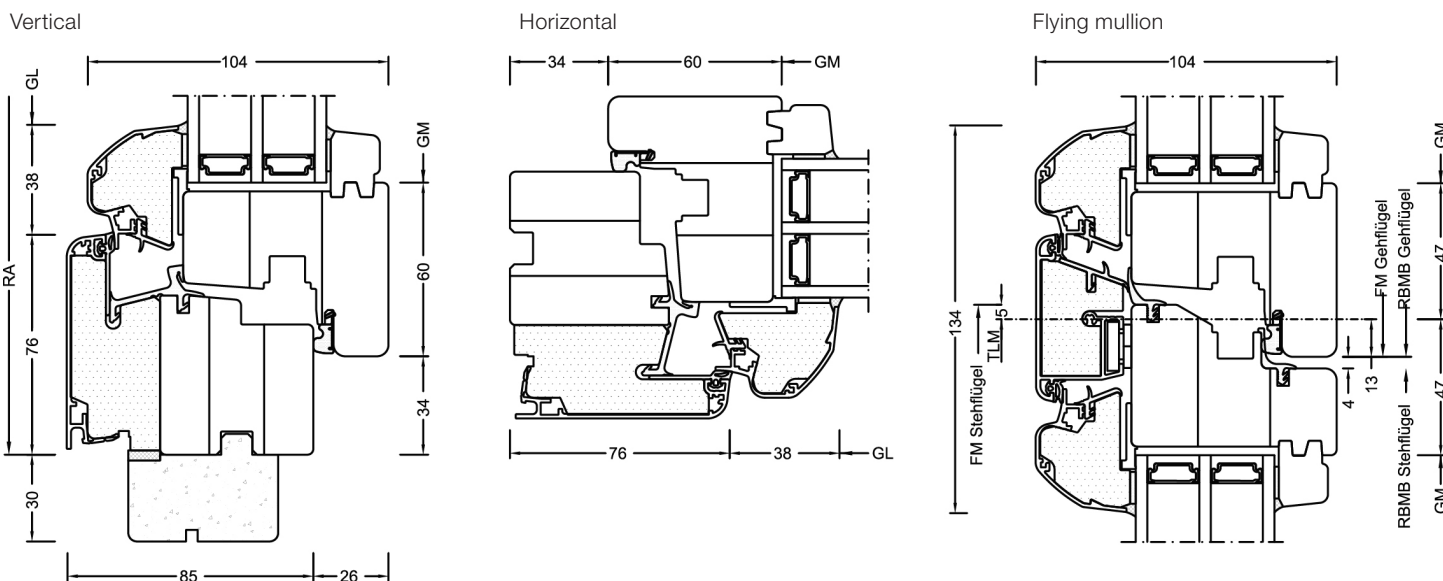
	<b>Thermal insulation</b>	$U_w$ as low as 0.62 W/(m <sup>2</sup> K)
	<b>Sound reduction</b>	up to 46 dB
	<b>Security</b>	RC1N, RC2
	<b>Locking</b>	concealed
	<b>Construction depth</b>	85 mm

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	Ug	g	Uf	Psi	Uw	Thermal certif.	Rw	C	Ctr	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 CO<sub>2</sub> emissions

\* In direct comparison to same glass buildups.

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