




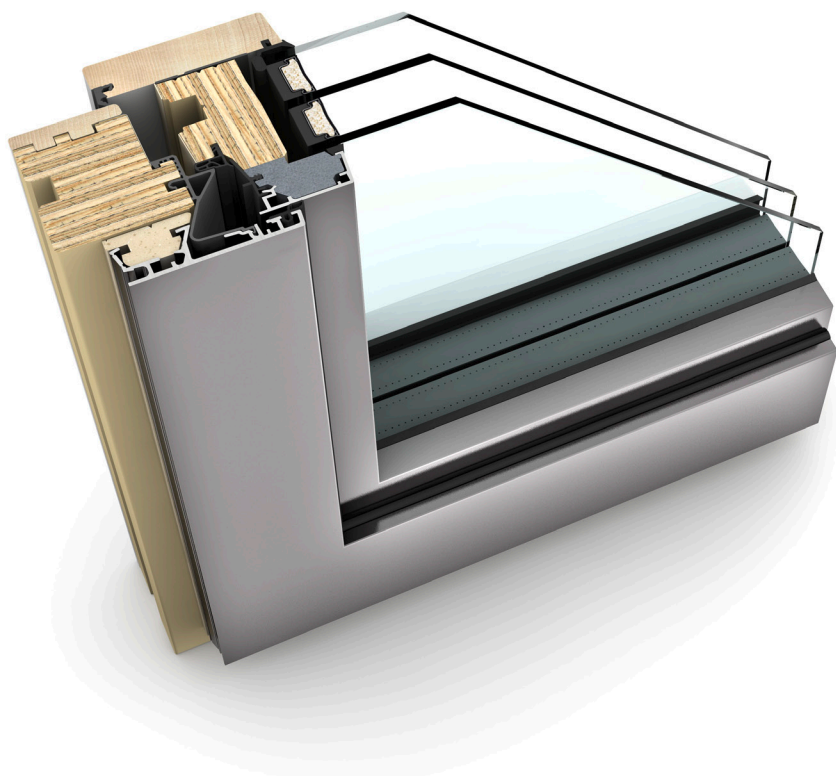


# HF 400 TIMBER/ALUMINIUM WINDOW

## PROPERTIES

	<b>Thermal insulation</b>	$U_w$ as low as 0.70 W/(m²K)
	<b>Sound reduction</b>	up to 45 dB
	<b>Security</b>	RC1N, RC2
	<b>Locking</b>	concealed, exposed optional
	<b>Construction depth</b>	75 mm

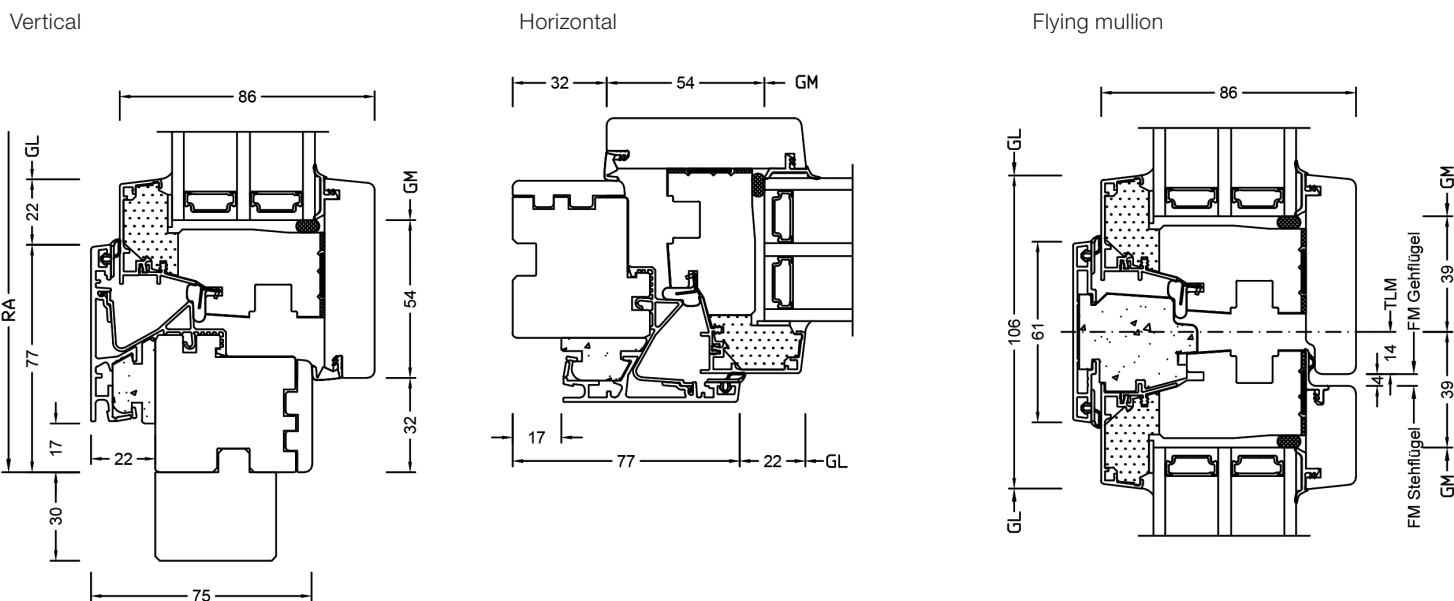
**I-tec Glazing**
**I-tec Core**


### HF 400

The timber/aluminium window HF 400 with its elegant and slim design is an all-rounder for all building projects, be it new builds or refurbishments.

With its narrow window frames, the glass areas appear larger. The living space appears open and light. The colours of the highly weather-resistant aluminium clad on the outside can be individually designed. Windows and balcony doors are manufactured exactly according to your sizes and specifications.

## Sections



## Values

Glass buildup	GC	Spacer	Coating	U <sub>g</sub>	g	U <sub>f</sub>	Psi	U <sub>w</sub>	Thermal cert.	R <sub>w</sub>	C	C <sub>tr</sub>	Sound cert.
4b/18Ar/4/18Ar/b4	3N2	Iso	ECLAZ	0.5	60%	1.15	0.035	0.77	YES	35	-1	-5	YES
		Alu	ECLAZ	0.5	60%	1.15	0.082	0.89					
6b/18Ar/4/16Ar/b4	33U	Iso	ECLAZ	0.6	59%	1.15	0.038	0.85	YES	39	-2	-6	YES
		Alu	ECLAZ	0.6	59%	1.15	0.085	0.97					
4b/16Ar/4/15Ar/b44.2(VSG-S)	34N	Iso	ECLAZ	0.6	60%	1.15	0.038	0.85*	Nein	42	-2	-7	YES
		Alu	ECLAZ	0.6	60%	1.15	0.085	0.97*					
44b.2(VSG-S) /15Ar/4/12Ar/b44.2(VSG-S)	3FH	Iso	ECLAZ	0.7	55%	1.15	0.048	0.95	YES	45	-1	-5	YES
		Alu	ECLAZ	0.7	55%	1.15	0.098	1.1					

Values for **home pure** with test certificate

### 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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