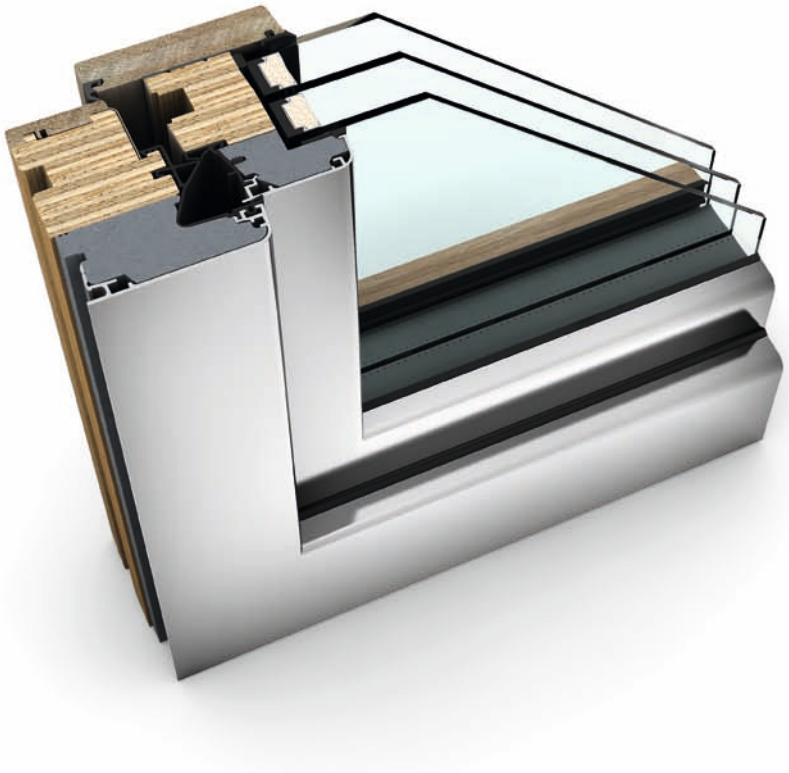
home soft

Internorm

HF 410 TIMBER/ALUMINIUM WINDOW

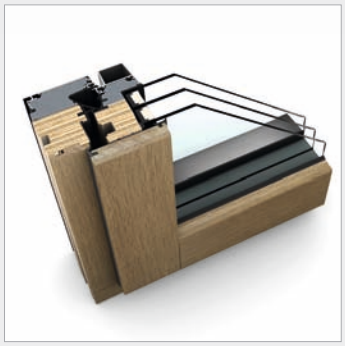


CHARACTERISTICS

Thermal insulation (in W/m²K)	U_w as low as 0.64
Sound reduction (in dB)	up to 46
Locking	concealed
Construction depth (in mm)	85

I-tec Glazing

I-tec Core



HF 410

Sophisticated colour matching of furnishings, windows and flooring confers a unique atmosphere to your rooms. The wide colour and timber range of the new timber/aluminium window HF 410 offers countless possibilities for the harmonious design of your living space. Besides timber type larch we are now also offering the new timber types oak and ash in different colours at an attractive price/performance ratio.

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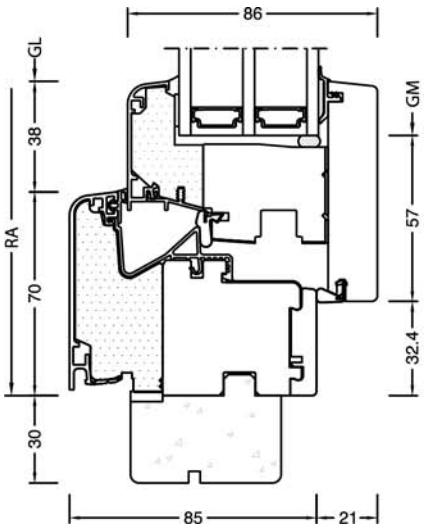
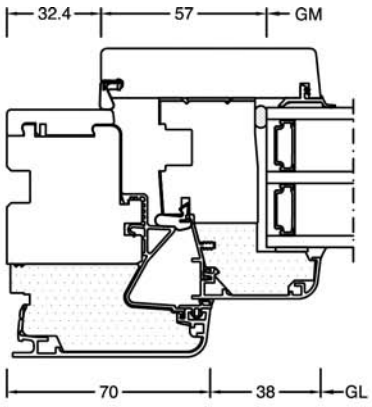
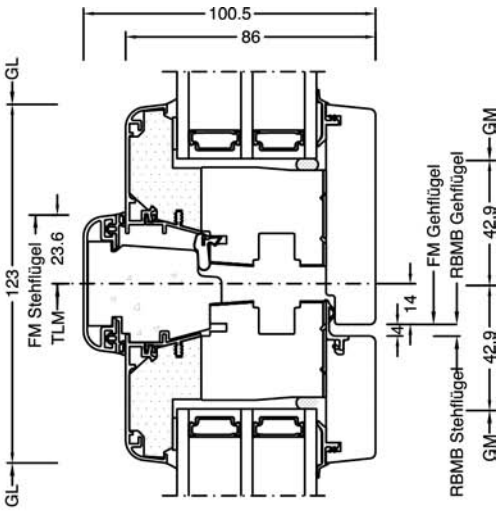
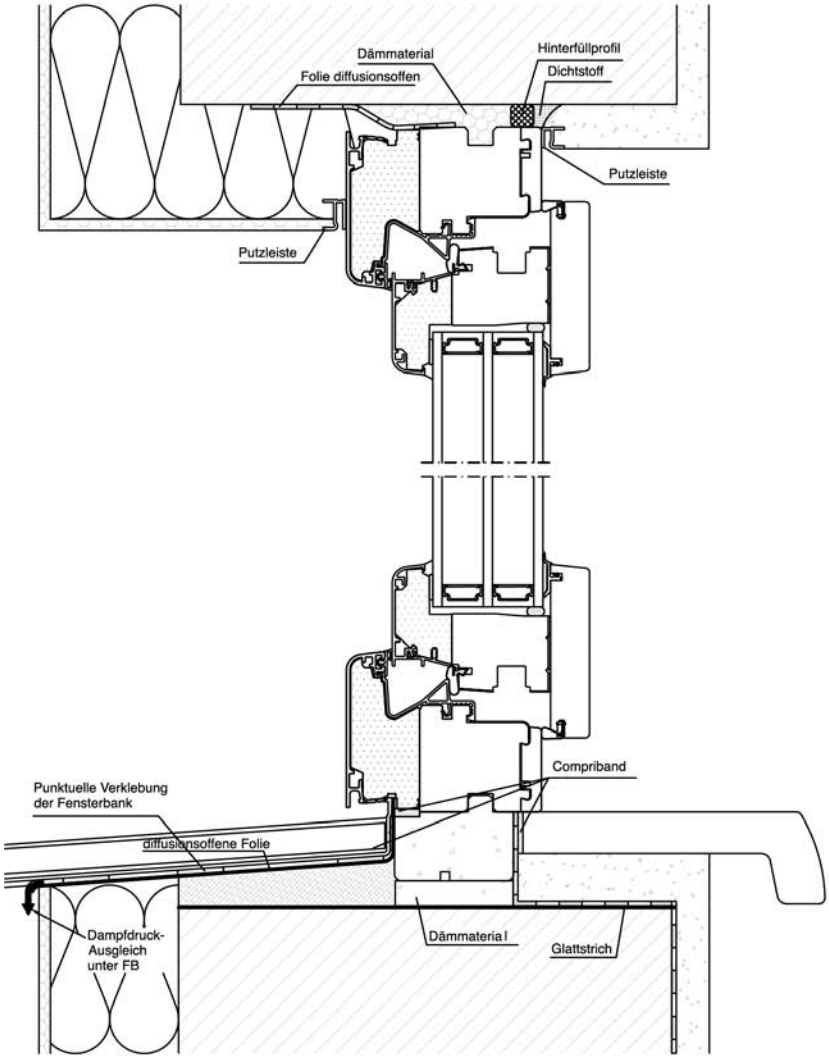


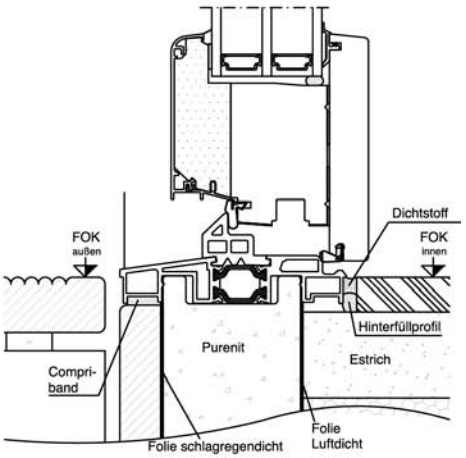




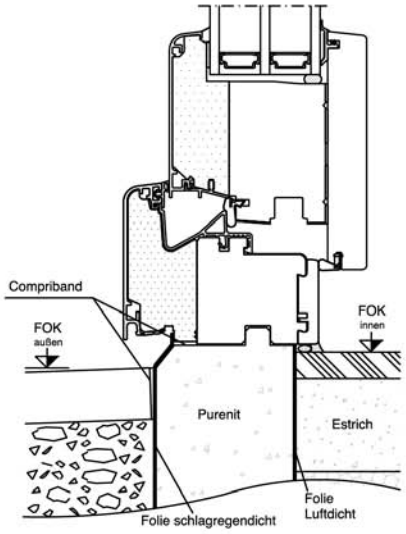
Putzanschluss innen und Vollwärmeschutz außen.
Unterer Anschluss mit Alu-Sohlbank.



Bauanschluss
mit Alu-Bodenschwelle 30mm.



Bauanschluss
mit Purenitprofil unten



Achtung!

Die dargestellte Zeichnung ist eine Symbolzeichnung, beachten sie die nationalen Einbauvorschriften wie z.B. ÖNORM B5320 in der jeweils gültigen Fassung.

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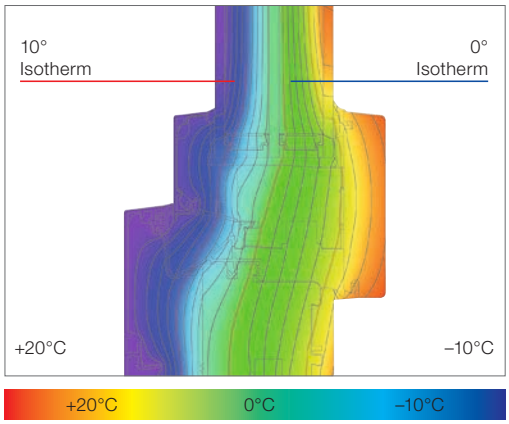

Optimal isotherm gradient to ensure low amounts of condensation

Due to the deep glass position, tremendous construction depth and the directly glued window panes glazing LIGHT (U_g = 0.5 W/m²K) can achieve a sensational U_w value of 0.70 W/m²K (with Iso spacer).

Technical information

- More aesthetics through narrow frame design
- Can be combined with HF 310, HF 210 as well as KF 410
- Aluminium clad outside allows facilitates highly weather-resistant protection in all colours
- I-tec Core – stable core with high strength
- I-tec Core – especially resource-saving by optimal utilisation of timber
- Individual timber types and surface diversity independent of I-Core
- Thermal insulation with standard triple glazing and highly thermally insulating Iso edge compound
- 85 mm construction depth
- FIX-O-ROUND Technology
- Fully concealed hardware
- Triple gasket system
- Choice of visible or concealed drainage
- Highly thermally insulating thermal foam for best thermal insulation (HCFC-, HFC- and FC-free)

Values

System	Glass set-up	GC	Spacer	Coating	Ug	Uf	Psi	Uw	Test thermal	Rw	C	Ctr	Test sound
HF410	4b/18Ar/4/18Ar/b4	3N2	Iso	light	0.5	0.86	0.033	0.70	YES	35*			NO
				solar+	0.6	0.86	0.033	0.78					
			Alu	light	0.5	0.86	0.079	0.80					
				solar+	0.6	0.86	0.079	0.89					
	6b/18Ar/4/16Ar/b4	33U	Iso	light	0.6	0.86	0.033	0.78*	NO	39*			NO
				solar+	0.7	0.86	0.033	0.88*					
			Alu	light	0.6	0.86	0.079	0.89*					
				solar+	0.7	0.86	0.079	0.99*					
	44b.2(VSG-S)/15Ar/4/12Ar/b44.2(VSG-S)	3FH	Iso	light	0.7	0.86	0.033	0.88*	NO	46*			NO
				solar+	0.7	0.87	0.033	0.88*					
			Alu	light	0.7	0.86	0.079	0.99*					
				solar+	0.7	0.87	0.079	0.99*					
	4b/16Ar/4/15Ar/b44.2(VSG-S)	34N	Iso	light	0.6	0.86	0.033	0.78*	NO	42*			NO
				solar+	0.7	0.86	0.033	0.88*					
			Alu	light	0.6	0.86	0.079	0.89*					
				solar+	0.7	0.86	0.079	0.99*					

*Test certificates in **home pure** - however, values for **home soft, ambiente** and **studio** identical

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