






HV 350 TIMBER/ALUMINIUM WINDOW WITH INTEGRATED BLINDS

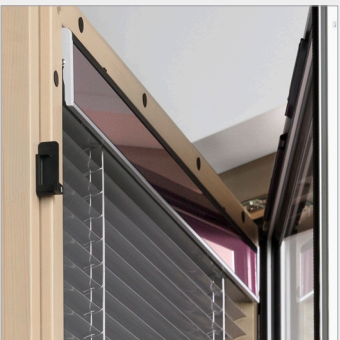
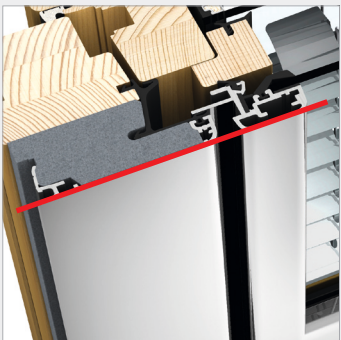
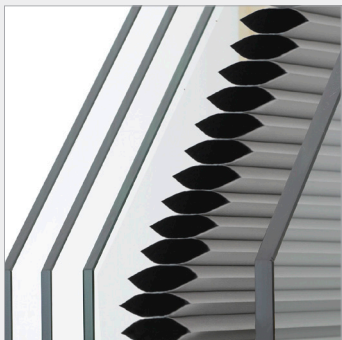


CHARACTERISTICS

Thermal insulation (in W/m ² K)		U _w as low as 0.60
Sound reduction (in dB)		up to 47
Security		up to RC2
Locking		concealed
Construction depth (in mm)		85

I-tec Glazing

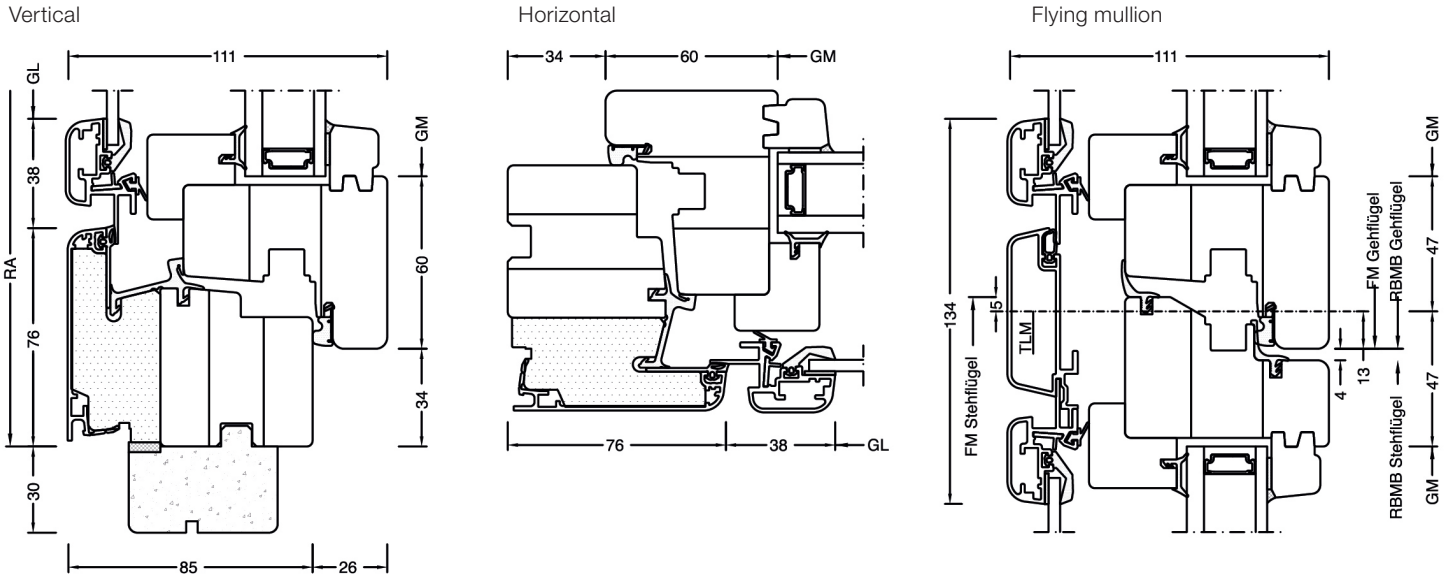
I-tec Shading



HV 350

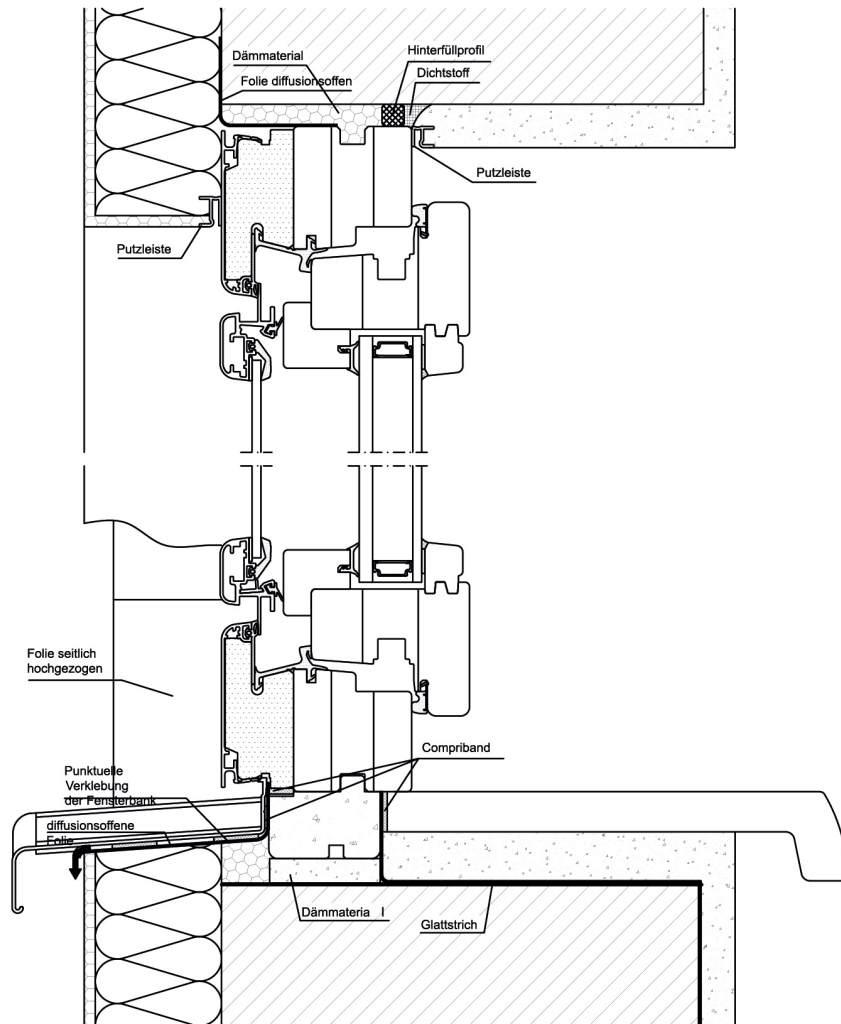
Blinds, Venetian blinds or the opaque Duette® blinds are protected from dust through integration between the glass panes. You can enjoy quadruple protection in only one window with perfect sun, privacy, and thermal protection and sound reduction. Flush transition from frame to sash additionally ensures nice optical appearance. The sun protection can be controlled completely without external power source, via the energy self-sufficient photovoltaic module, I-tec shading, of course also completely automatic with day/night recognition or automatic heat protection.

Sections

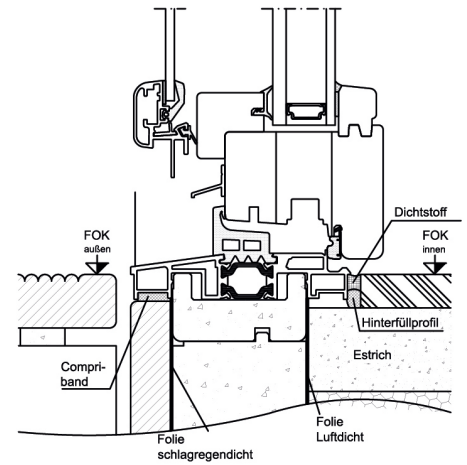


Construction connections

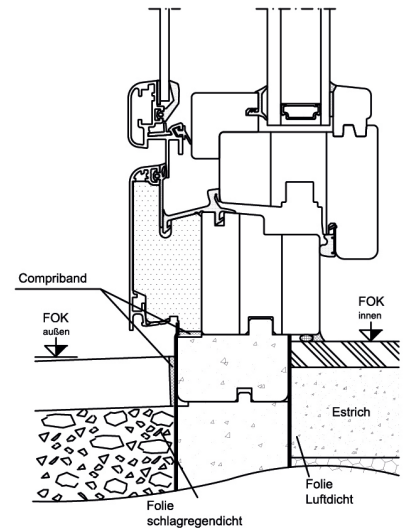
Putzanschluss innen und Vollwärmeschutz außen.
 Unterer Anschluss mit Alu-Sohlbank.



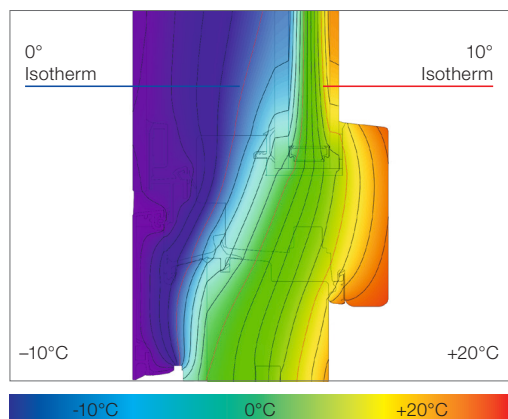
Bauanschluss mit Alu-Bodenschwelle 30mm.



Bauanschluss mit Purenitprofil unten



ATTENTION! Depicted drawing is symbolic only. Please observe national fitting guidelines such as ÖNORM B5320 in its respective valid version.



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 ($U_g = 0.5 \text{ W/m}^2\text{K}$) can achieve a sensational U_w value of $0.68 \text{ W/m}^2\text{K}$ (with ISO spacer).

Technical information

- Insulated timber/thermal foam/aluminium window system with integrated sun and privacy protection fitted between the panes
- Inside: timber type spruce/larch, 3 glued layers, triple surface treatment in 11 standard colours, all RAL colours available
- Outside aluminium: anodised, RAL, highly weather-resistant structure, metallic and timber decor colours available

System	Glass set-up	Glass code	Spacer	Coating	U_g insul. glass	U_f	Ψ_i	U_w	Thermal certif.	Rw	C	Ctr	Sound certif.
HV350	4 // 6/18Ar/b4	100/2KU	Iso	light	1.1	0.88	0.025	0.96**	YES	42	-2	-8	YES
			Alu		1.1	0.88	0.043	1.0**					
	6 // 6/18Ar/b4	151/2KU	Iso		1.1	0.87	0.023	0.95	YES	44	-2	-8	YES
			Alu		1.1	0.87	0.040	0.99					
	4 // 4bESG/10Ar/ 4/10Ar/b4	100/37M	Iso	light	0.8	0.87	0.024	0.81*	NO	41*	-	-	NO
			Alu		0.8	0.87	0.040	0.85*					
	6 // 4bESG/10Ar/ 4/10Ar/b4	151/37M	Iso		0.8	0.86	0.023	0.81	YES	44	-1	-5	YES
			Alu		0.8	0.86	0.039	0.85					
	4 // 4bESG/8Kr/4/ 8Kr/b4	100/3TV	Iso	light	0.7	0.87	0.030	0.75*	NO	41*	-	-	NO
			Alu		0.7	0.87	0.048	0.79*					
	6 // 4bESG/8Kr/ 4/8Kr/b4	151/3TV	Iso		0.7	0.87	0.028	0.75	YES	44	-2	-5	YES
			Alu		0.7	0.87	0.041	0.79					
6 // 3bESG/10Kr/ 2TVG/10Kr/b3ESG	151/37F	Iso	light	0.6	0.87	0.025	0.68	YES	44	-2	-6	YES	
		Alu		0.6	0.87	0.040	0.72						
6 // 3bESG/12Ar/ 2TVG/12Ar/b3ESG	151/37G	Iso	light	0.7	0.86	0.021	0.73	YES	44	-2	-7	YES	
		Alu		0.7	0.86	0.038	0.78						

37G and 37M in HV350 only available in **studio** and **home pure**.

Values for **studio** with test certificates

Values for **home soft with test certificate; identical to **home pure** and **ambiente**

Internorm Window UK

Unit D, Colindale Business Park
2-10 Carlisle Road, NW9 0HN, London
Tel.: +44 (0) 208 205 9991

Email: office@internorm.co.uk