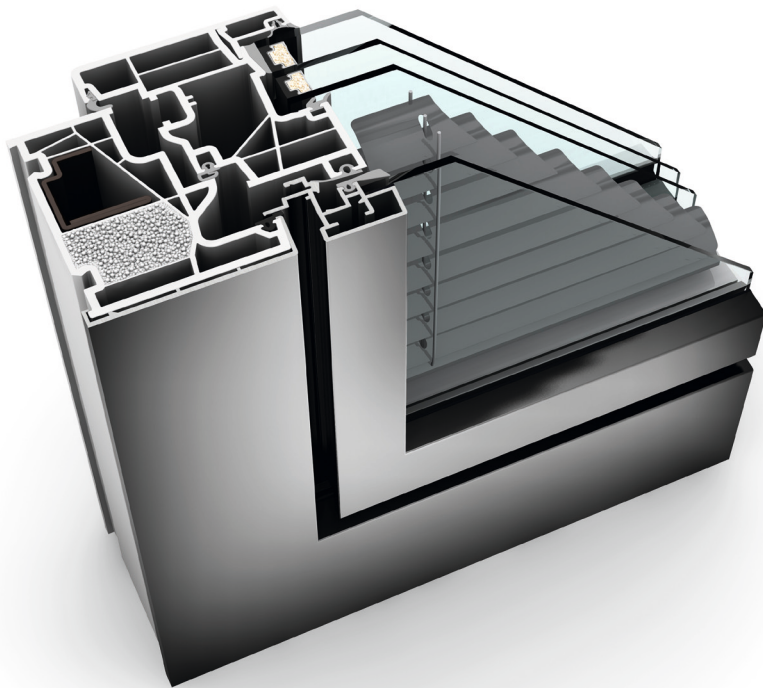







# KV 440 UPVC/ALUMINIUM WINDOW WITH INTEGRATED BLINDS



## PROPERTIES

	<b>Thermal insulation</b> $U_w$ as low as 0.64 W/(m <sup>2</sup> K)
	<b>Sound reduction</b> up to 45 dB
	<b>Security</b> RC1N, RC2
	<b>Locking</b> concealed
	<b>Construction depth</b> 93 mm

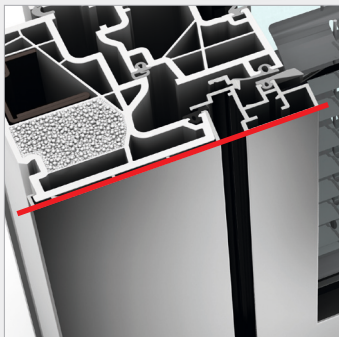
**I-tec Glazing**

**I-tec Shading**

**I-tec Ventilation**

**I-tec Insulation**

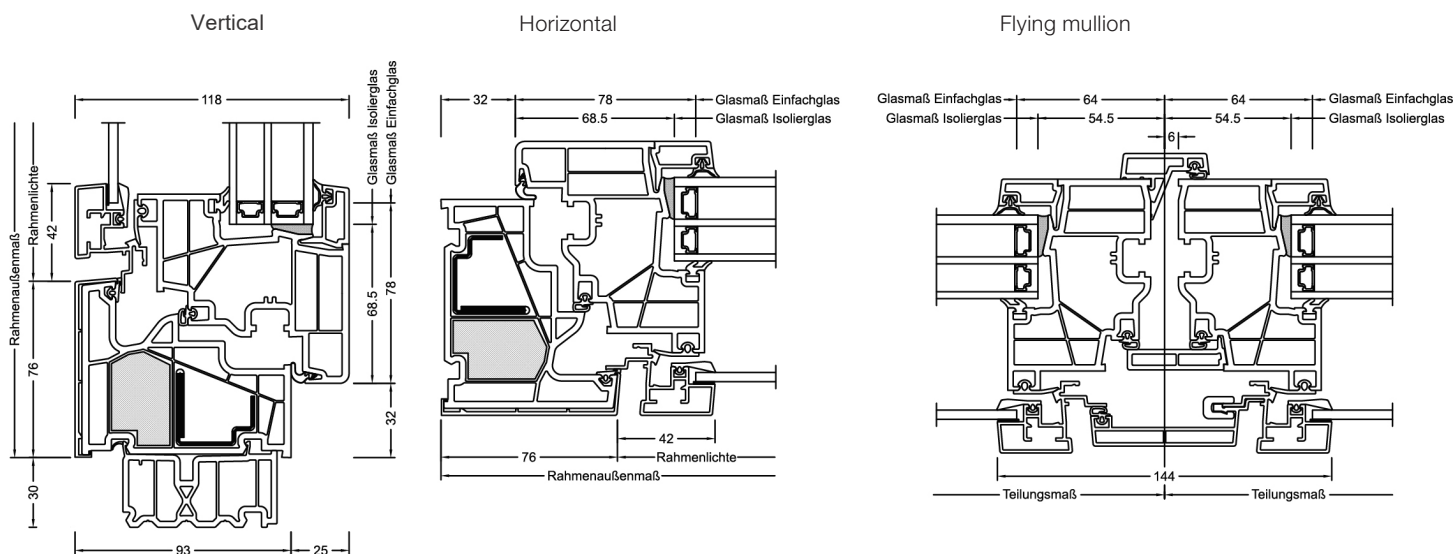
**I-tec SmartWindow**



### KV 440

More light despite sun protection? No contradiction with the KV 440. Sun and privacy protection is already integrated between the glass panes of this flush window. Along with best thermal insulation and sound reduction values we can offer quadruple protection in one window. Next to blinds or Venetian blinds, the opaque Duette® blinds ensure maximum privacy protection. I-tec Shading can be controlled via photovoltaic module, thus requiring no external power source. I-tec Smart Window App enables convenient operation via your tablet or Smartphone.

Sections



Values

Glass buildup	GC	Spacer	Coating	Ug Insulating glass	Uf	Psi	Uw	Thermal certif.	Rw	C	Ctr	Sound certif.
4 // 6/18Ar/b4	2KU	Iso	ECLAZ	1.1	0.95	0.024	0.98	YES	40	-2	-7	YES
		Alu	ECLAZ	1.1	0.95	0.041	1.0	YES	40	-2	-7	YES
6 // 6/18Ar/b4	2KU	Iso	ECLAZ	1.1	0.95	0.024	0.98	YES	42	-3	-9	YES
		Alu	ECLAZ	1.1	0.95	0.041	1.0	YES	42	-3	-9	YES
4 // 3bESG/12Ar/ 3/14Ar/b4	3AD	Iso	ECLAZ	0.7	1.0	0.018	0.77	YES	41	-3	-9	YES
		Alu	ECLAZ	0.7	1.0	0.037	0.82	YES	41	-3	-9	YES
6 // 3bESG/12Ar/3/ 14Ar/b4	3AD	Iso	ECLAZ	0.7	1.0	0.018	0.77	YES	43	-2	-8	YES
		Alu	ECLAZ	0.7	1.0	0.037	0.82	YES	43	-2	-8	YES
4 // 3bESG/12Kr/3/ 14Kr/b4	3AE	Iso	ECLAZ	0.5	1.0	0.018	0.70	YES	41	-3	-9	YES
		Alu	ECLAZ	0.5	1.0	0.037	0.75	YES	41	-3	-9	YES
6 // 3bESG/12Kr/ 3/14Kr/b4	3AE	Iso	ECLAZ	0.5	1.0	0.018	0.70	YES	43	-2	-8	YES
		Alu	ECLAZ	0.5	1.0	0.037	0.75	YES	43	-2	-8	YES

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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