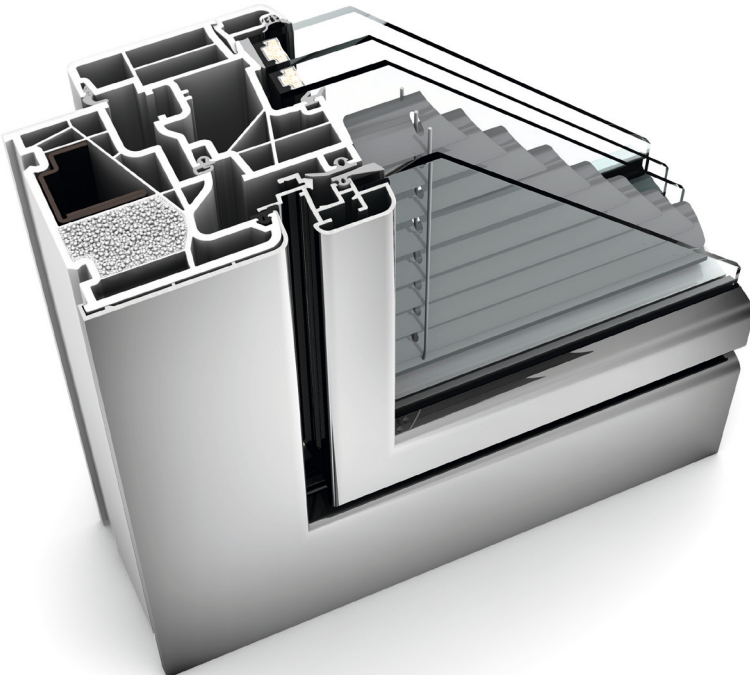







# KV 440 UPVC/ALUMINIUM WINDOW WITH INTEGRATED BLINDS



## 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**

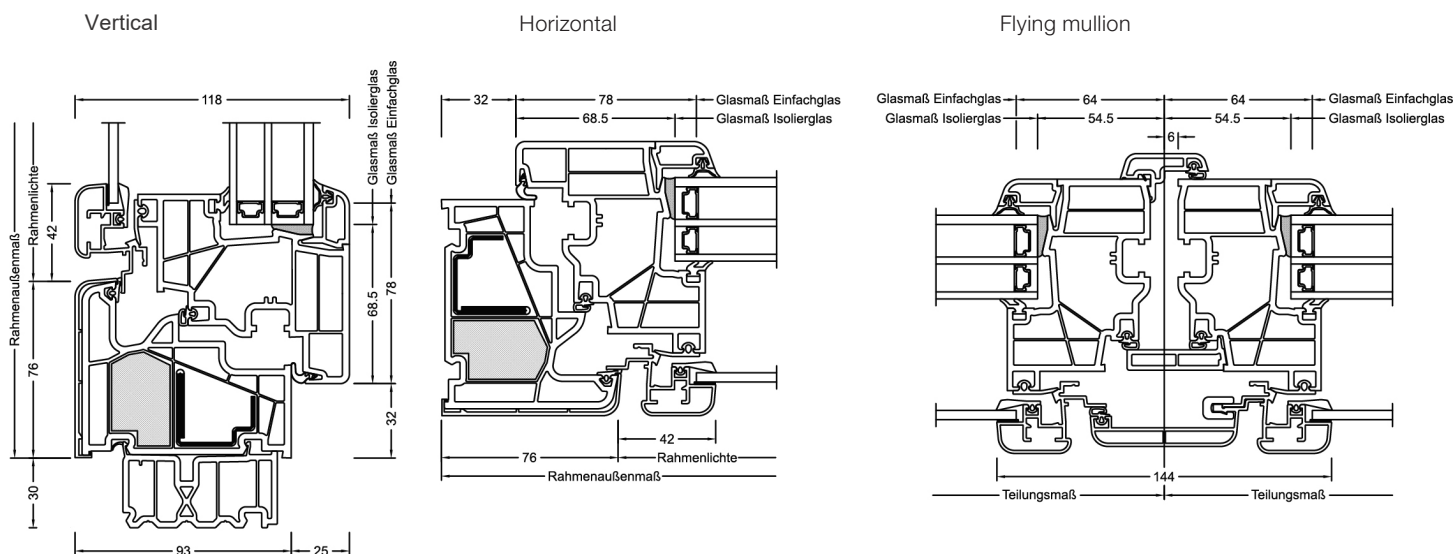
**I-tec SmartWindow**



### KV 440

The flush transition of frame and sash together with the integrated sun and privacy protection combines KV 440 to one unit. Blinds, Venetian blinds or the opaque Duette® blinds are integrated between the panes and thus protected from dirt. Enjoy quadruple protection in one window with perfect sun and privacy protection, thermal insulation and sound reduction. I-tec Shading can be controlled via photovoltaic module and battery, 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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