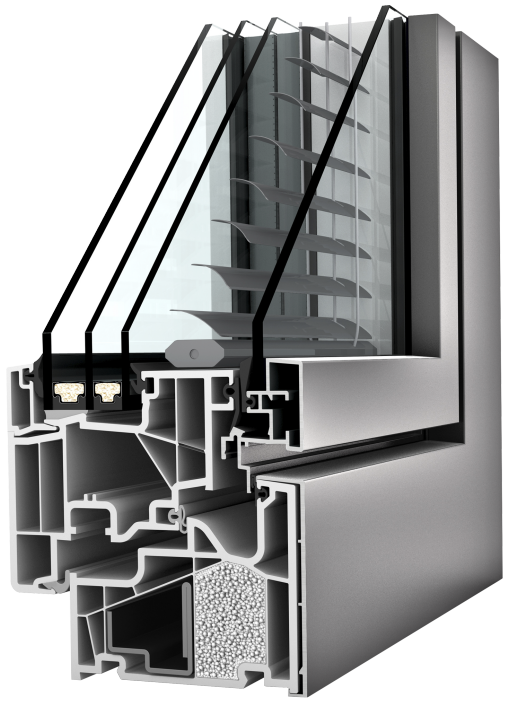
home pure

Internorm
Windows – Doors

KV 440 UPVC-ALUMINIUM-COMPOSITE WINDOW



CHARACTERISTICS

Thermal insulation (in W/m²K)
U_w up to 0,64

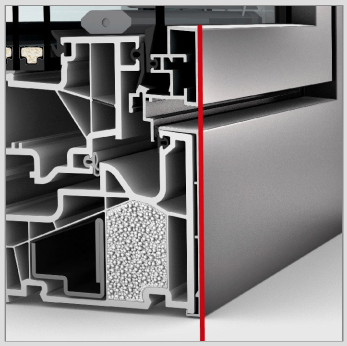
Sound reduction (in dB)
up to 39 - 45

Security
up to RC 2

Locking
fully concealed

Installation Depth (in mm)
93

I-tec Glazing
I-tec Shading
I-tec Insulation
I-tec Connect



Light despite sun protection? This is no contradiction with the KV 440. With this flush window, the sun and privacy protection is already installed between the accessible panes and offers optimum thermal and sound insulation values in just one window. In addition to Venetian or Roman blinds, the black-out Duette® blind offers absolute privacy. Using a photovoltaic module and battery, I-tec Shading can be controlled without an additional external power source.

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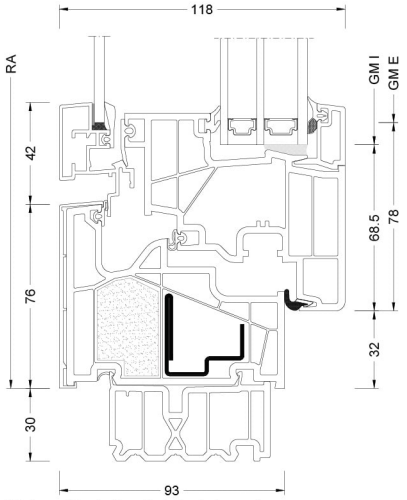
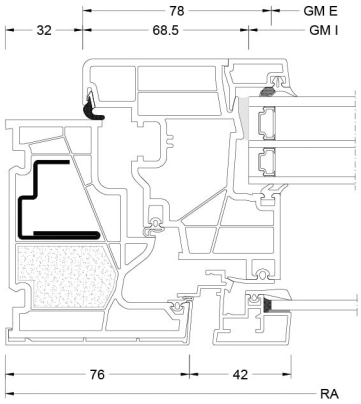
Cuts

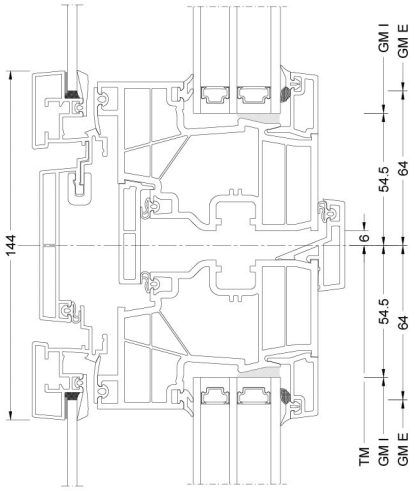
Senkrecht / Vertical



Waagrecht / Horizontal



Stulp / Flying mullion



BM	Bestellmaß / Ordering size	GM	Glasmaß / Glass size
FM G	Flügelmaß Gehflügel / Sash size master sash	RA	Rahmenaußenmaß / Outside frame size
FM S	Flügelmaß Stehflügel / Sash size slave sash	TM	Teilungsmaß / Division size
FOK	Fußbodenoberkante / Finished floor level		

Values

Glass Build Up	GC	Coating	AH	U_g	g	U_f	Psi	U_w	R_w	C	Ctr	Certificate - Thermal Performance	Certificate - Sound
6 // 6/18Ar/b4	2KU	Low-Carbon iplus	Iso	1,1	-	0,95	0,024	0,98	42	-4	-9	✓	✓
			Alu	1,1	-	0,95	0,041	1,0	42	-4	-9	✓	✓
4 // 6/18Ar/b4	2KU	Low-Carbon iplus	Iso	1,1	-	0,95	0,024	0,98	40	-3	-7	✓	✓
			Alu	1,1	-	0,95	0,041	1,0	40	-3	-7	✓	✓
4 // 3bESG/12Ar/3/14Ar/b4	3AD	Low-Carbon iplus	Iso	0,7	-	1,0	0,018	0,77	41	-4	-9	✓	✓
			Alu	0,7	-	1,0	0,037	0,82	41	-4	-9	✓	✓
6 // 3bESG/12Ar/3/14Ar/b4	3AD	Low-Carbon iplus	Iso	0,7	-	1,0	0,018	0,77	43	-3	-8	✓	✓
			Alu	0,7	-	1,0	0,037	0,82	43	-3	-8	✓	✓
4 // 3bESG/12Kr/3/14Kr/b4	3AE	Low-Carbon iplus	Iso	0,5	-	1,0	0,018	0,70	41	-4	-9	✓	✓
			Alu	0,5	-	1,0	0,037	0,75	41	-4	-9	✓	✓
6 // 3bESG/12Kr/3/14Kr/b4	3AE	Low-Carbon iplus	Iso	0,5	-	1,0	0,018	0,70	43	-3	-8	✓	✓
			Alu	0,5	-	1,0	0,037	0,75	43	-3	-8	✓	✓

InterHaus PREMIUM WINDOWS AND DOORS

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Internorm takes responsibility for the environment and climate

Internorm's use of low-carbon iplus glass saves 10,000 t of CO_2 eq annually

Glass is an fundamental component in window production. As Europe's leading window brand, we take our responsibility seriously, and incorporate low-carbon iplus insulating glazing in our product range as standard.

In order to reduce greenhouse gas emissions, we analysed the entire low-carbon float glass production chain. This included activities before, during and after the actual manufacturing process, right through to delivery to the customer.

The result is a 4 mm thick, low-carbon float glass with a reduced carbon footprint of 5.5 kg CO_2 eq/m^2 that delivers emission savings of over 45%.

What turns low-carbon iplus glass into thermally insulated glass?

- Use of low-emission raw materials
- Use of highly efficient melting furnaces including electric boosting
- At least 50% recycled content, to conserve valuable raw materials
- Utilisation of renewable energies
- Optimised transport throughout the entire supply chain

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