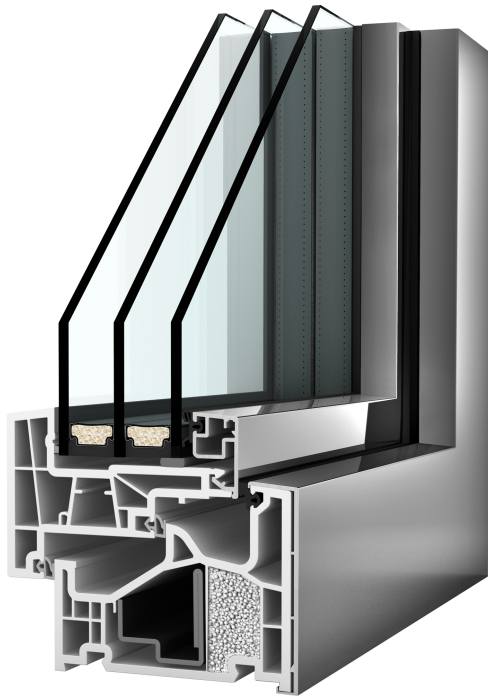




home pure

Internorm®
Windows – Doors

KF 510 UPVC-ALUMINIUM-WINDOW



CHARACTERISTICS



Thermal insulation (in $\text{W/m}^2\text{K}$)
 U_w up to 0,64



Sound reduction (in dB)
up to 34 - 48



Security
up to RC 3



Locking
fully integrated

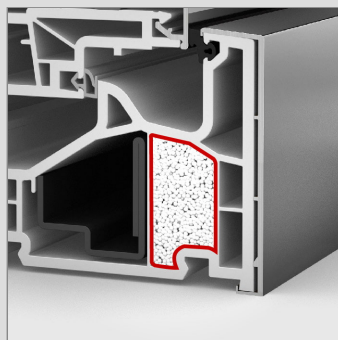


Installation Depth (in mm)
93

I-tec Secure

I-tec Glazing

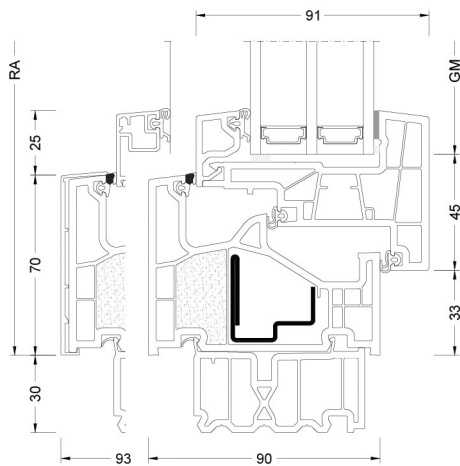
I-tec Insulation



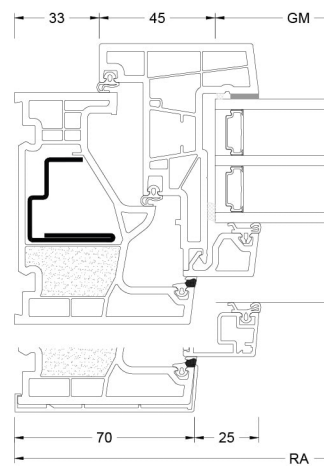
The particularly slim and modern frame of the KF 510 results in an even larger area of glazing to allow maximum light transmission and improved living. The fully integrated I-tec Secure system provides enhanced security thanks to the patented flap mechanism, which presses into all four sides of the frame when locking, making it virtually impossible to lever the window. The concealed hardware also makes it easy to clean, and combined with I-tec Insulation and I-tec Glazing, the new KF 510 offers the ideal window solution.

Cuts

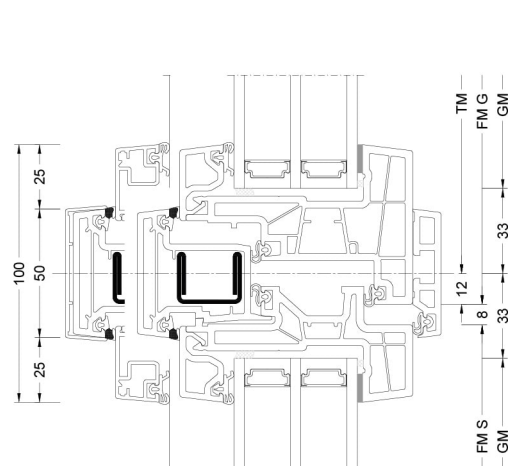
Senkrecht / Vertical



Waagrecht / Horizontal



Stulp / Flying mullion



BM	Bestellmaß / Ordering size
FM G	Flügelmaß Gehflügel / Sash size master sash
FM S	Flügelmaß Stehflügel / Sash size slave sash
FOK	Fußbodenoberkante / Finished floor level

GM	Glasmaß / Glass size
RA	Rahmenaußenmaß / Outside frame size
TM	Teilungsmaß / Division size

Values

Glass Build Up	GC	Coating	AH	U _g	g	U _f	Psi	U _w	R _w	C	Ctr	Certificate - Thermal Performance	Certificate - Sound
4b/18Ar/4/18Ar/b4	3N2	Low-Carbon iplus	Iso Alu	0,5 0,5	53 53	0,99 0,99	0,035 0,086	0,72 0,85	34 34	-2 -2	-5 -5	✓ ✓	✓ ✓
22b.2(VSG)/16Ar/4/18Ar/b22.2(VSG)	3GW	iplus	Iso Alu	0,5 0,5	49 49	0,99 0,99	0,035 0,086	0,72 0,85	38 38	-4 -4	-9 -9	✓ ✓	✓ ✓
6b/18Ar/4/16Ar/b4	33U	Low-Carbon iplus	Iso Alu	0,5 0,5	52 52	0,99 0,99	0,035 0,086	0,72 0,85	39 39	-2 -2	-6 -6	✓ ✓	✓ ✓
4b/16Ar/4/15Ar/b44.2(VSG-S)	34N	Low-Carbon iplus	Iso Alu	0,6 0,6	52 52	0,99 0,99	0,035 0,086	0,79 0,92	41 41	-2 -2	-8 -8	✓ ✓	✓ ✓
6b/15Ar/4/14Ar/b44.2(VSG-S)	34P	ECLAZ®	Iso Alu	0,6 0,6	59% 59%	0,99 0,99	0,035 0,086	0,79 0,92	43 43	-2 -2	-7 -7	✓ ✓	✓ ✓
44b.2(VSG-S)/15Ar/4/12Ar/b44.2(VSG-S)	3FH	Low-Carbon iplus	Iso Alu	0,6 0,6	47 47	0,99 0,99	0,035 0,086	0,79 0,92	46 46	-2 -2	-7 -7	✓ ✓	✓ ✓
44b.2(VSG-S)/18Ar/4/16Ar/b44.2(VSG-S)	3ND	Low-Carbon iplus	Iso Alu	0,5 0,5	47 47	0,99 0,99	0,035 0,086	0,72 0,85	48 48	-2 -2	-6 -6	✓ ✓	✓ ✓



Internorm takes responsibility for the environment and climate

Internorm's use of low-carbon iplus glass saves 10,000 t of CO₂ 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 CO₂ eq/m² 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