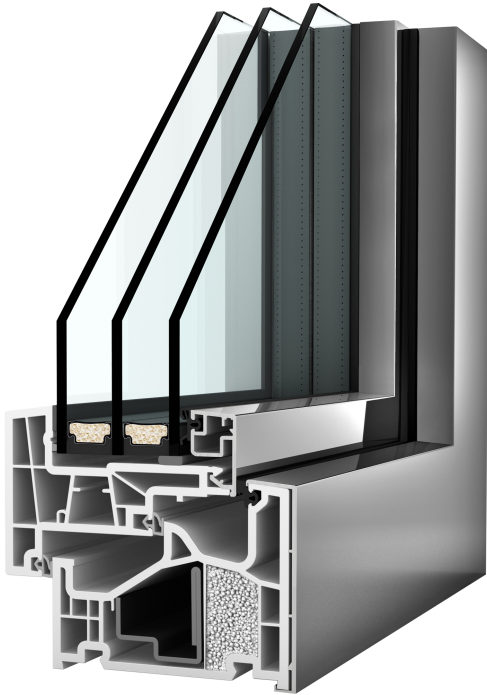




# KF 510 UPVC-ALUMINIUM-WINDOW



## CHARACTERISTICS



**Thermal insulation** (in  $W/m^2K$ )  
 $U_w$  up to 0,64



**Sound reduction** (in dB)  
up to 34 - 48



**Security**  
up to RC 3



**Locking**  
fully integrated

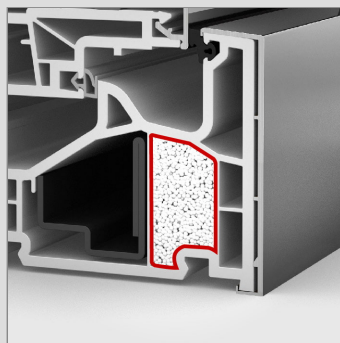


**Installation Depth** (in mm)  
93

**I-tec Secure**

**I-tec Glazing**

**I-tec Insulation**

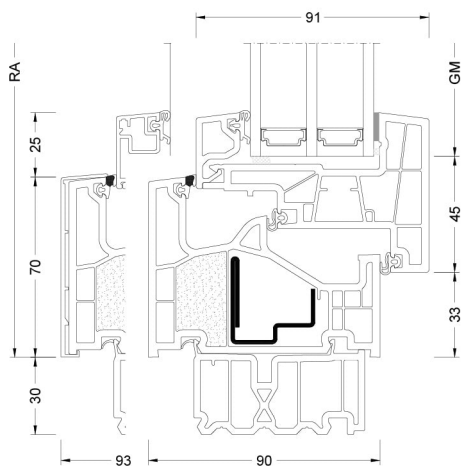


The particularly slim and modern frame of the KF 510 results in an even larger area of glazing to allow maximum light transmission and improved living. The fully integrated I-tec Secure system provides enhanced security thanks to the patented flap mechanism, which presses into all four sides of the frame 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.

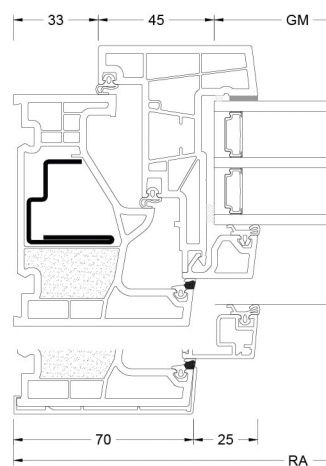


## Cuts

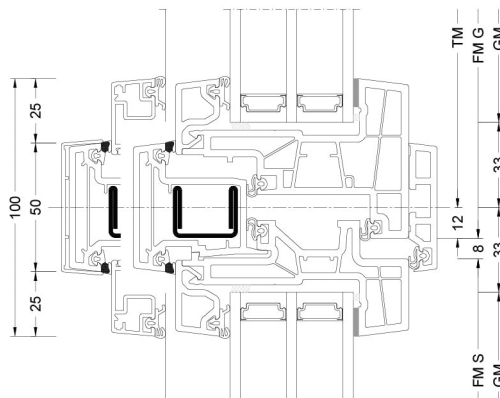
Senkrecht / Vertical



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 <sub>g</sub>	g	U <sub>f</sub>	Psi	U <sub>w</sub>	R <sub>w</sub>	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	✓ ✓	✓ ✓

**ECLAZ®** – Enjoy the many benefits of the Internorm **ECLAZ® Premium Coating****More light & transparency**

- The special coating allows more daylight to enter the interior, therefore making it brighter and friendlier.
- Enjoy a clearer view of the outside. The external reflection or mirror effect is also low and the glass is colour-neutral from the outside.

**Improved health & productivity**

- ECLAZ® helps to regulate your inner balance. Blue light from the sun helps to regulate your natural sleep and wake cycle, elevate moods and increase the feeling of well being.

**Increased happiness & well-being**

- Daylight has a balanced light spectrum and regulates the serotonin balance, which is responsible for well-being and life energy. Halogen bulbs, fluorescent tubes and LEDs lack these important light frequencies. ECLAZ® floods the house with daylight.

- 77% more light transmission of triple glazing with ECLAZ® helps to boost health and well-being, especially in the darker autumn and winter months.

**Better energy efficiency & higher cost savings**

- Less heat loss: ECLAZ® provides excellent thermal insulation, therefore reducing heating costs.
- Greater energy savings: 60% improvement in solar gain with triple glazing resulting in lower heating costs and higher energy efficiency.

**Get more as standard**

- ECLAZ® is fitted as standard in every Internorm window.
- No additional costs. You enjoy the benefits of this premium glass coating without having to pay more.