



ambiente

Internorm®
Windows – Doors

KF 310 UPVC-WINDOW



CHARACTERISTICS



Thermal insulation (in $\text{W/m}^2\text{K}$)
 U_w up to 0,69



Sound reduction (in dB)
up to 33 - 45



Security
up to RC 2



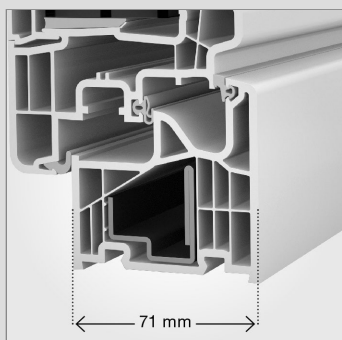
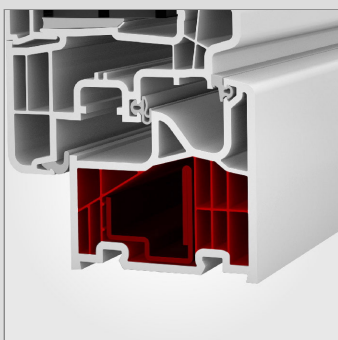
Locking
fully concealed



Installation Depth (in mm)
71

I-tec Glazing

I-tec Decor

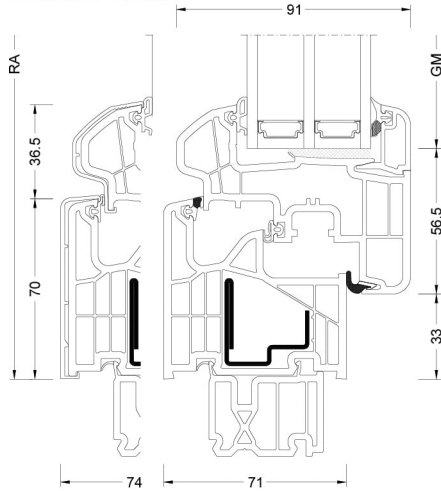


In classic white, the rounded edges of the sash and frame create an elegant and timeless appearance. I-tec Glazing, the all-round bonding of the glass pane, makes the window more stable and increases burglar resistance. The 6-chamber frame profile ensures even better thermal insulation. With a construction depth of 71 mm, the KF 310 offers a very slim design. The new I-tec Decor digital printing technology enables a wide range of design options on the inside.

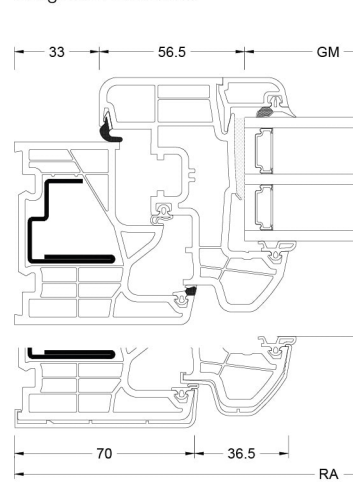


Cuts

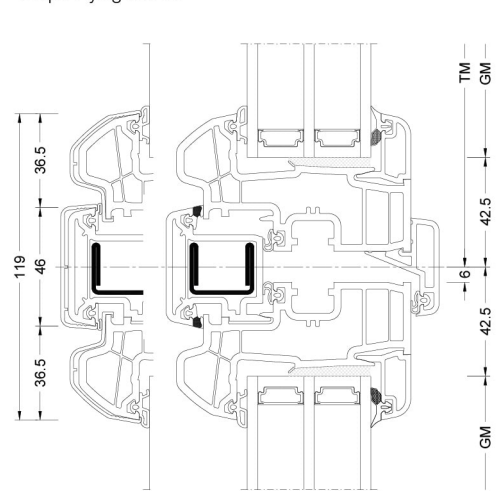
Senkrecht / Vertical



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
4/16Ar/b4	20L	Low-Carbon iplus	Iso Alu	1,1 1,1	64 64	1,2 1,2	0,038 0,065	1,2 1,3	33 33	-2 -2	-6 -6	✓ ✓	✓ ✓
8/12Kr/b4	2KA	Low-Carbon iplus	Iso Alu	1,0 1,0	62 62	1,2 1,2	0,038 0,065	1,1 1,2	37 37	- -	- -	✓ ✓	× ×
4b/18Ar/4/18Ar/b4	3N2	Low-Carbon iplus	Iso Alu	0,5 0,5	53 53	1,1 1,1	0,034 0,075	0,76 0,86	34 34	-2 -2	-6 -6	✓ ✓	✓ ✓
6b/18Ar/4/16Ar/b4	33U	Low-Carbon iplus	Iso Alu	0,5 0,5	52 52	1,1 1,1	0,034 0,075	0,76 0,86	39 39	-2 -2	-6 -6	✓ ✓	✓ ✓
44b.2(VSG-S)/15Ar/4/12Ar/b44.2(VSG-S)	3FH	Low-Carbon iplus	Iso Alu	0,6 0,6	47 47	1,1 1,1	0,034 0,075	0,83 0,93	45 45	-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