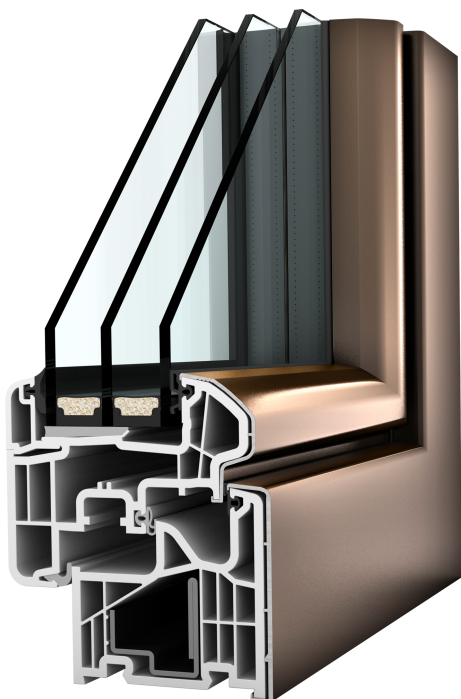




ambiente

Internorm®
Windows – Doors

KF 310 UPVC-ALUMINIUM-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



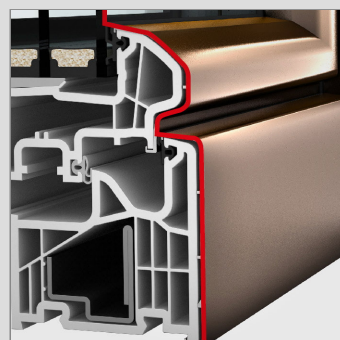
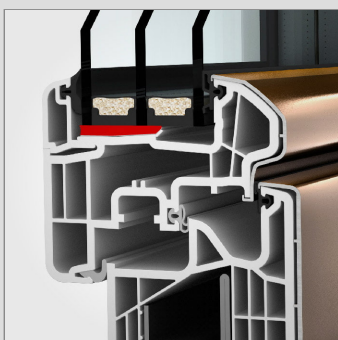
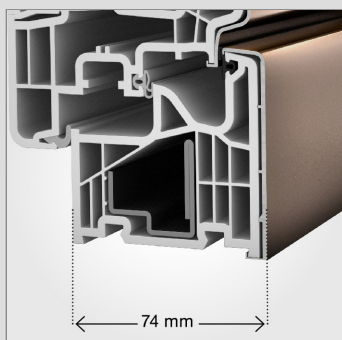
Locking
fully concealed



Installation Depth (in mm)
74

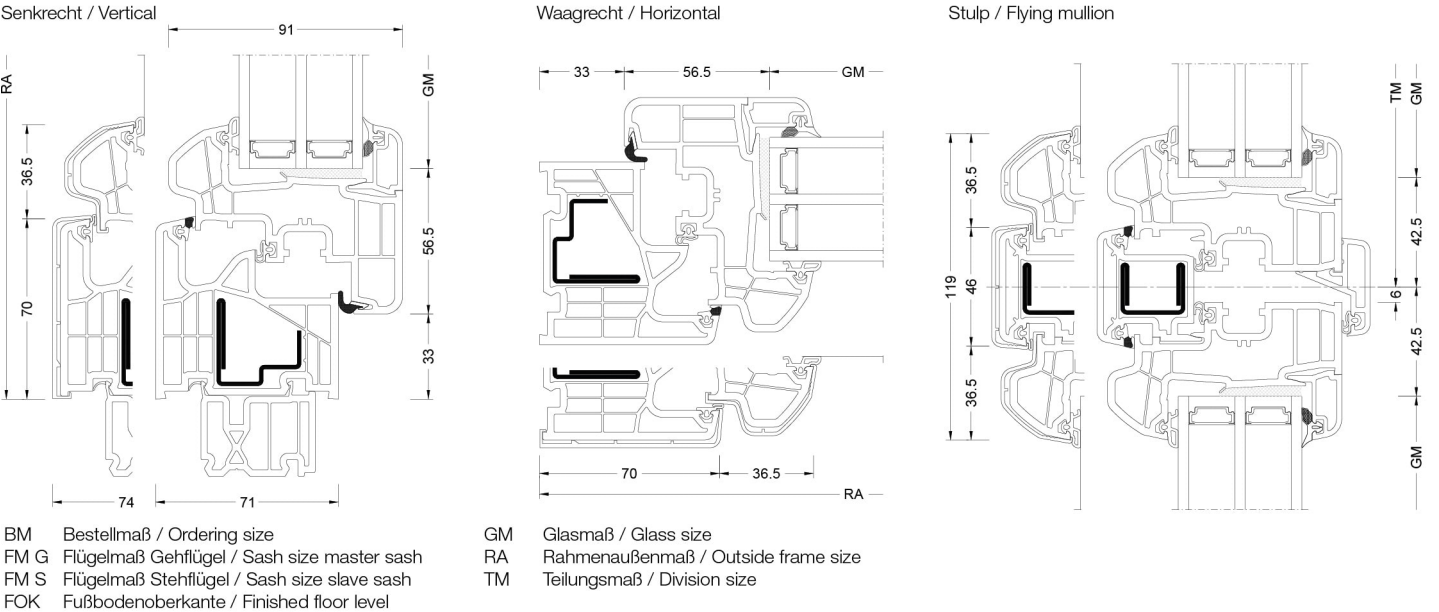
I-tec Glazing

I-tec Decor



With its protective aluminium cladding and a strongly profiled window sash, this uPVC-aluminium system radiates harmony and aesthetics. 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 74 mm with aluminium cladding, 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. Also available as a uPVC only window.

Cuts



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	✓ ✓	✓ ✓

**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.



home pure

Internorm®
Windows – Doors

KF 310 UPVC-ALUMINIUM-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



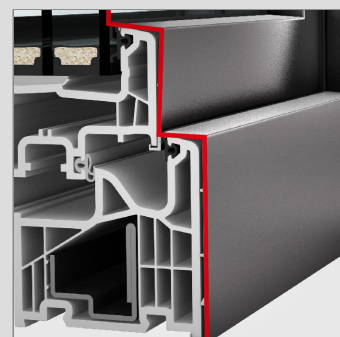
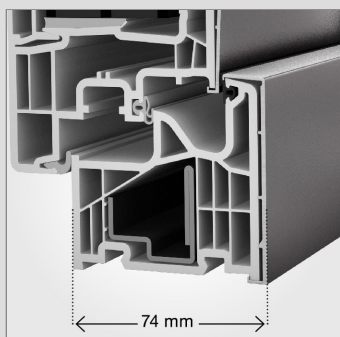
Locking
fully concealed



Installation Depth (in mm)
74

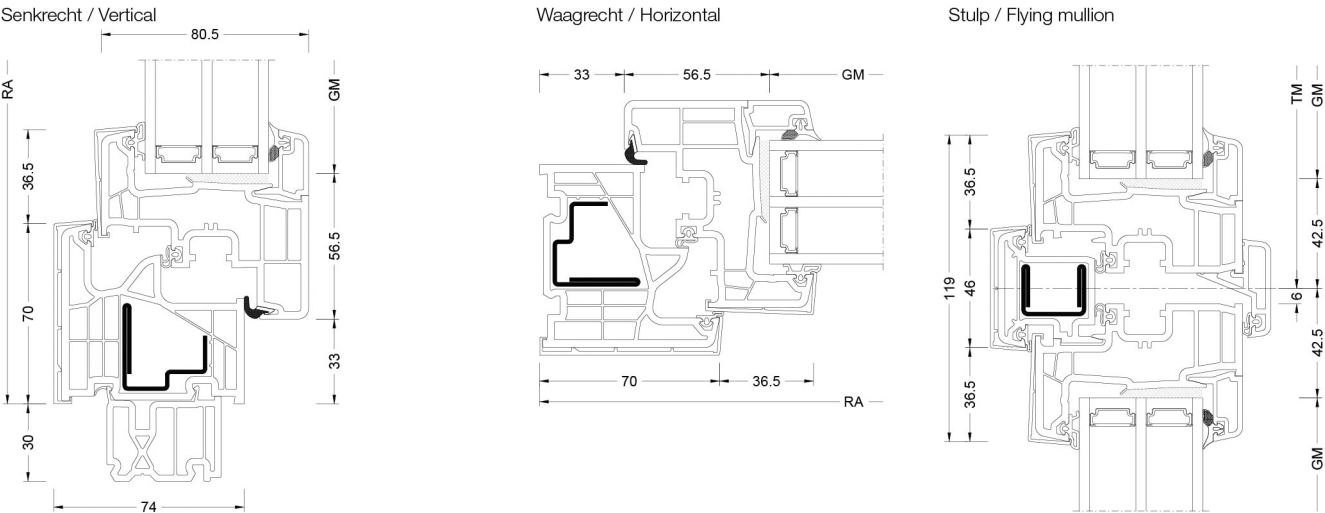
I-tec Glazing

I-tec Decor



Our product developers have incorporated the proven and reliable technology of our Internorm windows into this slimline window. It offers the best thermal and sound insulation values, as well as the all-round bonding of the glass pane to the window sash, as standard. In addition to a large selection of colours, handles and glass options, the KF 310 is also available as a balcony and French door - and of course with a Juliet balcony. The square design of the frame and sash is matched to the exterior of the home pure design style. The new I-tec Decor digital printing technology enables a wide range of design options on the inside.

Cuts



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	✓ ✓	✓ ✓

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

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- 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

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home soft

Internorm®
Windows – Doors

KF 310 UPVC-ALUMINIUM-WINDOW



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 U_w up to 0,69



Sound reduction (in dB)
up to 33 - 45



Security
up to RC 2



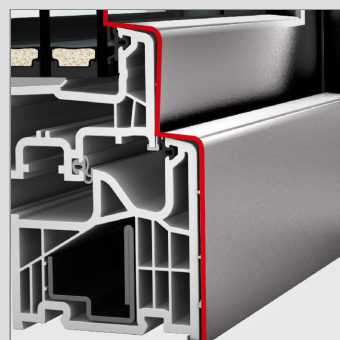
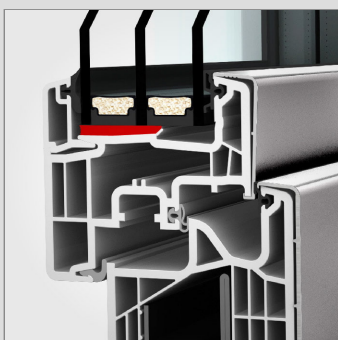
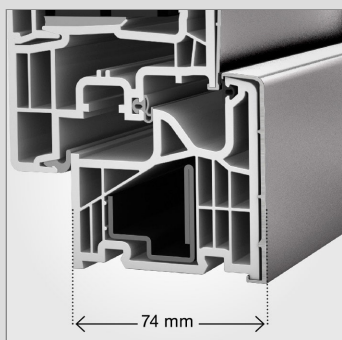
Locking
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Installation Depth (in mm)
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I-tec Glazing

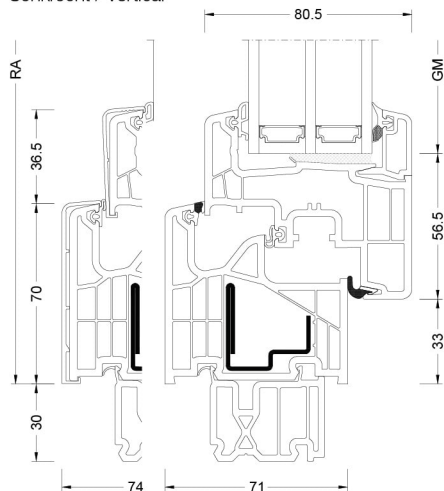
I-tec Decor



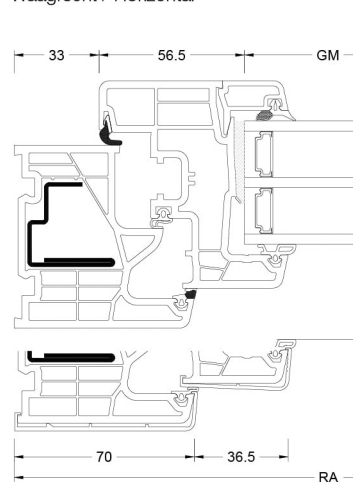
With a construction depth of 74 mm including the aluminium cladding, this window offers a slim design. The rounded edges of the sash and frame perfectly match the home soft design style. The aluminium cladding on the outside can be designed in many colours. The new 6-chamber frame profile ensures even better thermal insulation. Three circumferential gaskets protect the interior from moisture and at the same time improve thermal and sound insulation. The new I-tec Decor digital printing technology enables a wide range of design options on the inside. Also available as a uPVC only window.

**Cuts**

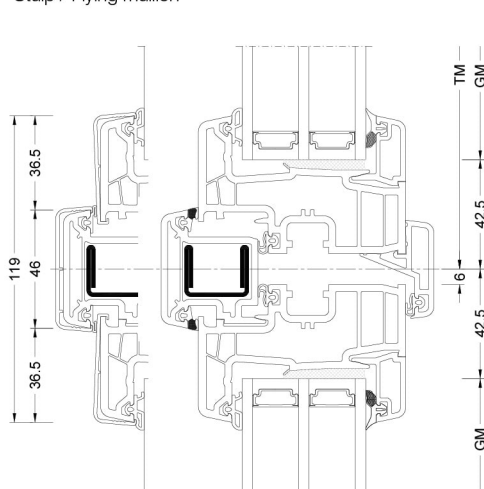
Senkrecht / Vertical



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

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