Internorm
Windows – Doors

# KS 430 UPVC-LIFT AND SLIDE DOOR



## CHARACTERISTICS

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

**Sound reduction** (in dB)
up to 33 - 43

**Security**
up to RC 2

**Frame depth** (in mm)
200

I-tec Decor







Lift & slide doors are the perfect link between inside and outside. The low threshold ensures a comfortable passage and is ideal for barrier-free construction. Standard toughened safety glass panes protect against injury in the event of glass breakage and the standard soft handle closure ensures that the handle slides back gently. The new I-tec Decor digital printing technology gives you a wide range of designs for customising the inside of your uPVC-aluminium lift & slide door.

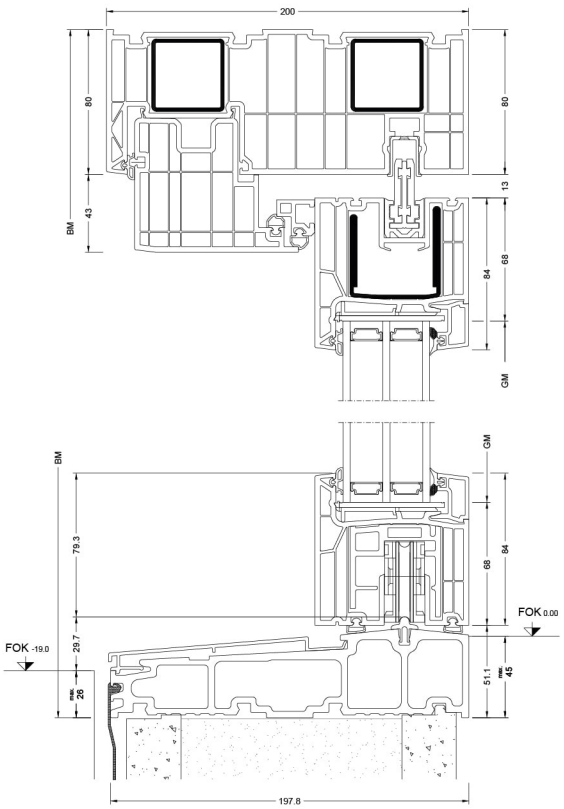
HINT Comfort Drive - the electric drive for convenient opening and closing of your lift & slide door at the touch of a button.

UPVC-LIFT AND SLIDE DOOR

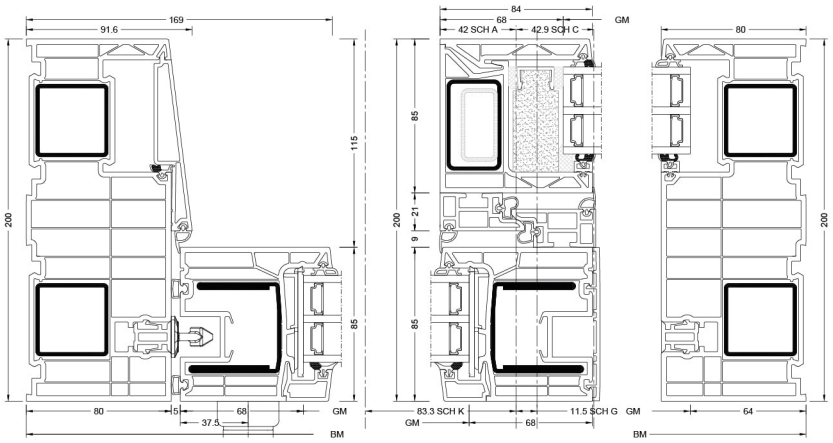
# KS 430

## Cuts

Senkrecht / Vertical




Waagrecht / Horizontal

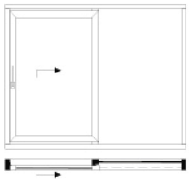



| | | | |
|---|---|---|---|
| BM | Bestellmaß / Ordering size | GM | Glasmaß / Glass size |
| FM G | Flügelmaß Gehflügel / Sash size master sash | RA | Rahmenaußenmaß / Outside frame size |
| FM S | Flügelmaß Stehflügel / Sash size slave sash | TM | Teilungsmaß / Division size |
| FOK | Fußbodenoberkante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

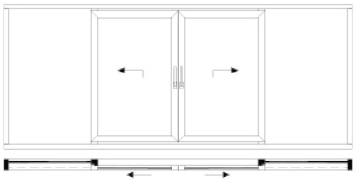
## Construction types/technical info

· Scheme A: Sash/fixed glazing
· Scheme C: Fixed glazing/sash/sash/fixed glazing
· Scheme G: Fixed glazing/sash/fixed glazing
· Scheme K: Sash/fixed glazing/sash
· Can be combined with KF 410, KF 520, KV 440
· 2 glazing thicknesses available (48 and 54 mm)
· Turning handle with or without recessed handle or turning handle on both sides with lockable cylinder for systems A and C
· Half cylinder (inside) for scheme G
· Complete Internorm colour and glass range

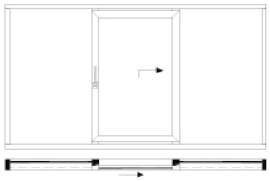
Schema A / Scheme A



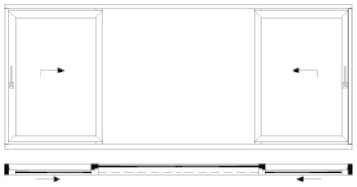
Schema C / Scheme C



Schema G / Scheme G



Schema K / Scheme K



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# KS 430

## 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 | 0,5 | 53 | - | 0,036 | 0,68 | 33 | -2 | -6 | ✓ | ✓ |
| 4bESG/18Ar/4/18Ar/b4ESG | 3T6 | Low-Carbon iplus | Iso | 0,5 | 55 | - | 0,036 | 0,68 | 33 | -2 | -6 | ✓ | ✓ |
| 6b/18Ar/4/16Ar/b4 | 33U | Low-Carbon iplus | Iso | 0,5 | 52 | - | 0,036 | 0,68 | 36 | -2 | -6 | ✓ | ✓ |
| 4b/16Ar/4/15Ar/ b44.2(VSG-S) | 34N | Low-Carbon iplus | Iso | 0,6 | 52 | - | 0,036 | 0,73 | 38 | - | - | ✓ | × |
| 44b.2(VSG-S)/15Ar/ 4/12Ar/ b44.2(VSG-S) | 3FH | Low-Carbon iplus | Iso | 0,6 | 47 | - | 0,036 | 0,73 | 40 | - | - | ✓ | × |
| 6b/18Ar/6/18Ar/b6 | 3FA | Low-Carbon iplus | Iso | 0,5 | 51 | - | 0,036 | 0,68 | 34 | -2 | -5 | ✓ | ✓ |
| 6bESG/18Ar/6/18Ar/b6ESG | 3FC | Low-Carbon iplus | Iso | 0,5 | 53 | - | 0,036 | 0,68 | 34 | -2 | -5 | ✓ | ✓ |
| 8b/16Ar/6/18Ar/b6 | 3FB | Low-Carbon iplus | Iso | 0,5 | 50 | - | 0,036 | 0,68 | 37 | -2 | -5 | ✓ | ✓ |
| 8bESG/16Ar/6/18Ar/b6ESH | 3FE | Low-Carbon iplus | Iso | 0,5 | 52 | - | 0,036 | 0,68 | 37 | -2 | -5 | ✓ | ✓ |
| 6b/16Ar/5/18Ar/ b44.2(VSG-S) | 3F8 | Low-Carbon iplus | Iso | 0,5 | 51 | - | 0,036 | 0,68 | 41 | -2 | -6 | ✓ | ✓ |

## 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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