

Internorm® HF 310



Internorm Passivhaus Windows and Doors from IQ Glass

Frame

Composite framing, timber internal, aluminium external

Surrounding Profile 114mm

Vertical Mullion between double opening vents 134mm

Vertical Mullion between fixed and opening vent 135mm

Fixed Vertical Mullion between two opening vents 173mm

Profile Depth 85mm

External Finishes External aluminium frame powder coated any RAL colour

Internal Finishes Internal timber frame Spruce/Larch, stained or painted

Uf Value 0.86 W/m²K

Configurations Available

Windows Fixed / Tilt and Turn / Side Hung / Top Hung / Bottom Hung (all inward opening)

Doors Inward Opening Casement Door / Sliding Door

Maximum and Minimum Sizes

Hinged Elements 3m², height 0.4m—2.7m, width 0.6m—1.6m

Sliding Elements 4.3m², height 1.8m—2.6m, width 1.6m—3.5m

Glass

Optimum Glass Specification 4mm toughened outer with low e coating / 18mm argon filled cavity with warm edge spacer / 4mm toughened middle pane / 18mm argon filled cavity with warm edge spacer / 4mm toughened inner with low e coating

Available on request various decorative glass finishes, Solar+ coating (increases Solar Gain)

Glass thickness: 48mm

Maximum panel weight 90kg for hinged elements, 130kg for sliding elements

Ug value 0.5 W/m²K (with above glass specification)

G Factor 50% (with above glass specification)

Ironmongery

Locking integrated 2 point locking

Handles Aluminium handles finished in silver

Hinges Steel hinges with a galvanised finish

Performance

Passivhaus Certified at IFT Rosenheim

Thermal Performance Uw value 0.69 W/m²K (with above glass specification)

Air Permeability Class 4 to EN 12207

Water Resistance Class 9a to EN 12208

Resistance to Wind Load Class C5/B5 to EN 12210

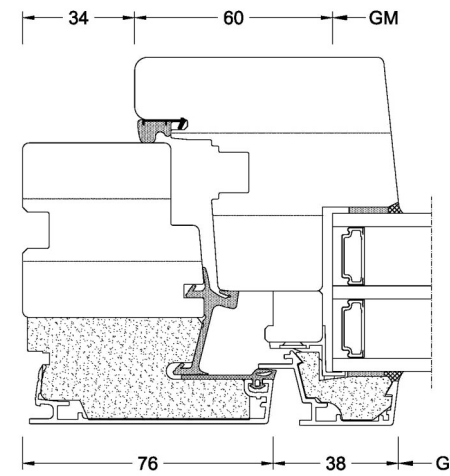
Burglar Resistance RC2/RC2N to EN1627

Sound Insulation Rw 35dB

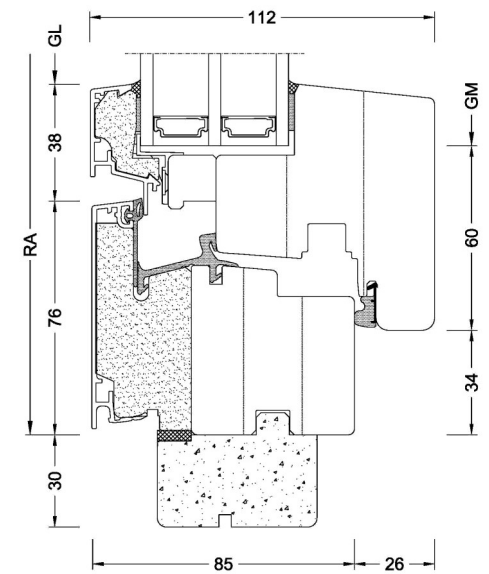
Optional

Corner Connections 90/45/30 degree corner connections

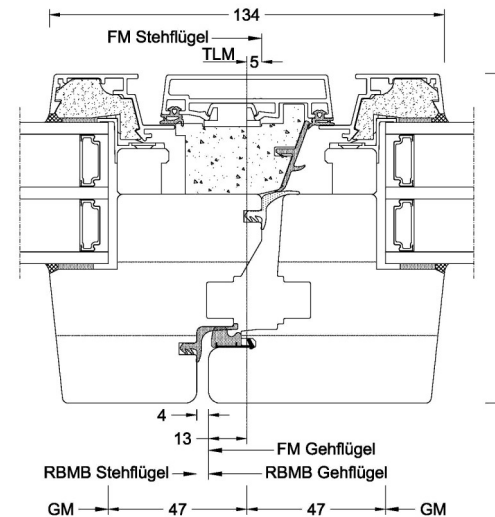
Abnormal Shapes Arched Heads, slanted heads



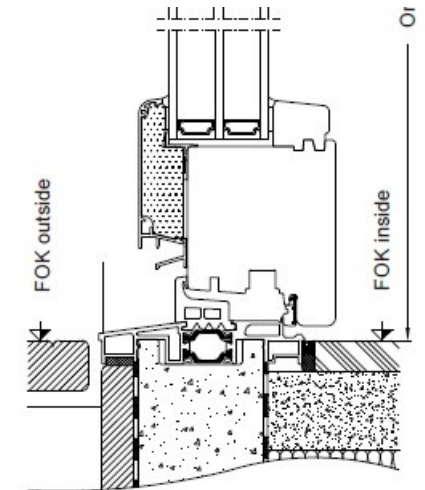
Opening window, side connection detail



Opening window base detail



Central opening window with flying mullion



Door base detail with low threshold

IQ Glass UK

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