

AluK C70S Window System

Beautifully engineered and brilliantly functional, the C70S delivers class-leading performance with U-values of 1.3 W/m²K, advanced water tightness and a range of features to simplify fabrication and installation.

Meeting and exceeding the key thermal, acoustic and performance demands of the commercial specifiers, the C70S is the perfect aluminium solution for residential and commercial projects.

DESIGN FEATURES

- › Universal EPDM carrier groove – allows clip-in EPDM strip and direct lug fixing to be used on all outer frames, frame extenders and sub cill profiles
- › Outer Frames, Transoms/Mullions, Beads, Gaskets, Ancillary profile parts used across both Open-in and Open-out
- › Consistent sightlines with 58BW system offering maximum project flexibility
- › Euro groove (16mm full depth) allowing for a wider choice of hardware
- › 5-day lead time in 9910HG, 7016M, 9005M and key dual colour options

OPTIONS

- › Three levels of insulation: standard, partial and HI
- › Glazing options 24mm–50mm
- › Side Hung, Top Hung, Fixed Light & Tilt Before Turn configurations available
- › Trickle ventilation available



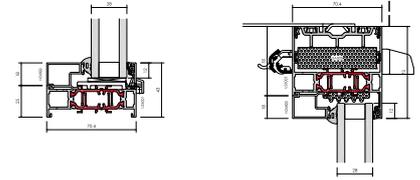
C70S Specifications

	C70S HI Open-in	C70S HI Open-out
Performance and accreditations		
Uw (Double Glazing)	1.3W/m²k	1.3W/m²k
Uw (Triple Glazing)	1.1W/m²k	1.1W/m²k
Window Energy Rating	A Rated	A Rated
Air Tightness (Pa)	Class 4 (600Pa)	Class 4 (600Pa)
Water Tightness (Pa)	E900 (900Pa)	E1500 (1500Pa)
Wind Load (Pa)	Class E2400 (2400Pa)	Class E2400 (2400Pa)
Security	PAS 24 & SBD	PAS 24 & SBD
Configurations		
Top Hung	-	✓
Side Hung	✓	✓
Bottom Hung	✓	✓
Tilt before Turn	✓	-
Fixed Light - internally glazed (Reversers available)	✓	✓
Fixed Light - externally glazed (Reversers available)	✓	✓
Glazing		
Glazing panel options: double and triple	24mm - 50mm	24mm - 50mm
Design features		
Variable Handle Position	✓	✓
Trickle ventilation	✓	✓
Sightlines	89mm	89mm
System depth		
mm	70mm	70mm
Sightlines		
Frame to Vent	89mm	89mm
Vent to Mullion	103mm	103mm
Fixed Light	43mm	43mm
Hardware		
Locking Handles	✓	✓
Friction Hinges	-	✓
Butt Hinges	-	✓
Groove type	PVC Euro 16mm	PVC Euro 16mm
Finishes		
Single Colour	✓	✓
Dual Colour	✓	✓
Anodised	✓	✓
Textured	✓	✓

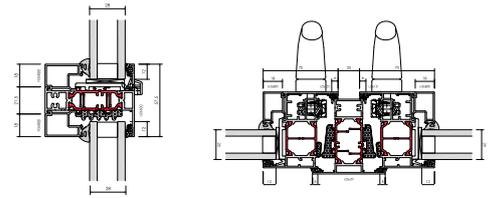
CAD CROSS SECTIONS

Additional details are available on request.

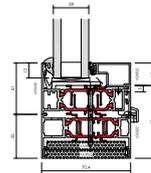
C70S Open-in frame and vent details



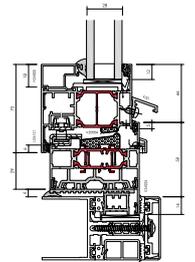
C70S Open-in transom and mullion details



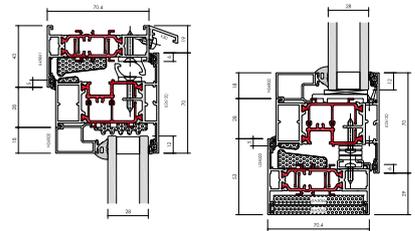
C70S Open-in frame reverser details



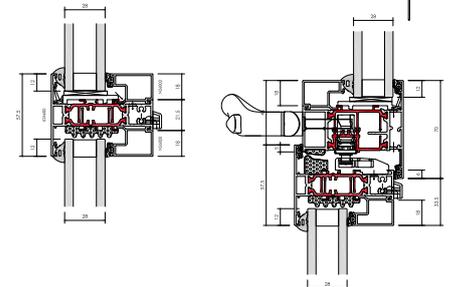
C70S Open-in curtain wall adapter



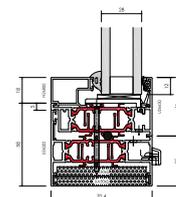
C70S Open-out frame and vent details



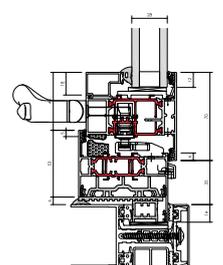
C70S Open-out transom and mullion details



C70S Open-out frame reverser details



C70S Open-out curtain wall adapter



Open-out

Open-in / TBT

