

Alitherm 700

Alitherm Parallel is an innovative solution for enhanced natural ventilation. The system allows for a balanced, effective airflow whilst maintaining security and safety. The system can also be either a side or top hung casement, or top swing reversible window.

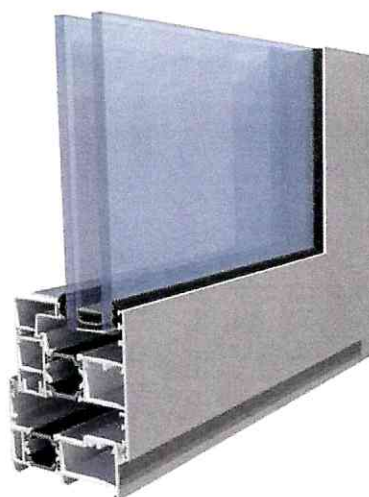


Application

Commercial applications, suitable for multi-storey

Features

- Alitherm 700 is ideal for insertion into curtain wall facades in both low and high rise commercial buildings
- The system is suitable for use as either replacement windows in existing buildings, or for installation into new builds
- Alitherm 700 incorporates internally beaded vents suitable for either cockspur or shoot-bolt locking.
- The system is also suitable for use with chain-operators, operated either individually or as part of an integrated automated solution for building climate control



Technical Performance

Finish

Single or dual colour, marine quality polyester powder coat as standard

U Value

1.6W/m²K using correct sealed unit
1.3W/m²K using triple glazed unit of correct sealed unit

Air

Class 4, 600Pa

Water

Class 9A, 600Pa

Wind

Class E, 2400Pa

Security

BS 7950
(Casement and Parallels)
PAS24:2012 (Reversible)

Dimensions

Frame Depth

70mm

Glass

28mm double or triple glazed units

PL Max o/a Width

2000mm

PL Max o/a Height

3000mm

SH Max o/a Width

838mm

SH Max o/a Height

1729mm

TH Max o/a Width

1729mm

TH Max o/a Height

2000mm

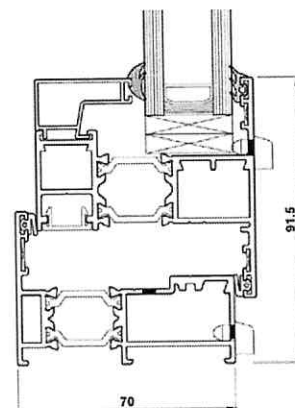
Rev Max o/a Width

1500mm

Rev Max o/a Height

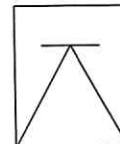
1558mm

*Parallel windows over 1500mm wide or weighing over 100kg should be motorised operation only

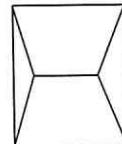


Drawings not to scale

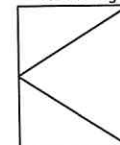
Reversible



Parallel



Side Hung



Top Hung



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