

SECURED BY DESIGN - WINDOW & DOOR SPECIFICATION



Alu-tec's windows and doors can be specified and ordered to Secured by Design approval, offering customers security and peace of mind.

Our windows and doors have been awarded the Secured by Design certificate and are recognised as 'Police Preferred Specification' products. This flagship initiative was launched by UK Police to support the principles of "designing out crime" by use of effective crime prevention and security standards for a range of applications.

Our products were assessed by UKAS approved test houses, commissioned to identify technical standards and evaluations which determine the competence of security products and their resistance to criminal attack.



CASEMENT WINDOW SPECIFICATION:

- **AluK 58BW Aluminium system**
 - Internally/externally Beaded
 - Mechanically jointed Transoms/Mullions, tee and/or cruciform joints and are otherwise mitred and mechanically screwed or crimp cleated
 - Trojan Stallion Shootbolt / Pegasus Espagnolette / Roto TSL Espagnolette with Stallion mushroom or shootbolt keeps or Pegasus or Roto mushroom keeps
 - Locking Handle
 - Securistyle Defender / Sterling hinges complete with Securistyle Vector Excluder hinge protectors
 - Top Hung - max sash width 1370mm, max sash height 1362mm
 - Side Hung - max sash width 670mm, max sash height 1230mm
 - Glazing - One pane of glass must be laminated to BS EN 356:2000 Class P1A
- **AluK 58BW ST Steel Replacement Aluminium system**
 - Internally/externally Beaded
 - Mechanically jointed Transoms/Mullions, tee and/or cruciform joints and are otherwise mitred and mechanically screwed or crimp cleated
 - Trojan offset Slimline shootbolt and mushroom and shootbolt keeps
 - Locking Handle
 - Nico Friction Stays complete with Securistyle Vector Excluder hinge protectors
 - Top Hung - max sash width 1370mm, max sash height 1362mm
 - Side Hung - max sash width 670mm, max sash height 1230mm
 - Glazing - One pane of glass must be laminated to BS EN 356:2000 Class P1A

TILT/TURN WINDOW SPECIFICATION:

- **AluK 58BW Aluminium system**
 - Internally/externally Beaded
 - Mechanically jointed Transoms/Mullions, tee and/or cruciform joints and are otherwise mitred and mechanically screwed or crimp cleated
 - Winkhaus Autopilot gearing
- Locking Handle
 - Max sash width 715mm, Max sash height 1530mm
 - Glazing - One pane of glass must be laminated to BS EN 356:2000 Class P1A

ALUK CASEMENT WINDOWS COMPRISING OPENING LIGHT(S) AND/OR FIXED LIGHT(S) ALUK TILT/TURN WINDOW SYSTEM

Successfully tested and certificated to standards as outlined below:-

BS 4873:2016 / PAS 24:2022 Enhanced security performance requirements for window assemblies



continued over.../

Due to our continuous improvement policy, Alu-tec (UK) Ltd reserves the right to alter or amend product specifications.

For further assistance, call 01702 899440

www.alu-tec.co.uk

Fletchers Square, Temple Farm Industrial Estate, Southend-on-Sea, Essex SS2 5RN

SECURED BY DESIGN - WINDOW & DOOR SPECIFICATION



SINGLE & DOUBLE RESIDENTIAL DOOR SPECIFICATION:

- **AluK 58BD Aluminium Door system**
- Open in or Open out
- Internally beaded
- AluK 2 part hinges
- Winkhaus Cobra Locking Mechanism with Winkhaus keeps
- Slave Door - Winkhaus lock with corner drive and hook in addition Winkhaus slave leaf hook keep
- Kitemarked Cylinder
- Standard or mechanically fixed low threshold
- Mechanically fixed Mid-Rails / Mullions
- Laminated Glass to 1 Pane - BS EN356:2000 Class P1A
- TS 008 Enhanced Security Grade 2 Letterplate (if required)
- Single doors - Max sash width 1020mm, Max sash height 2160mm
- Double doors - Max sash width 2040mm, Max sash height 2160mm



SLIDING DOOR SPECIFICATION:

- **AluK BSC94 Aluminium In Line Sliding Door system**
- Internally beaded
- Extended interlock hooks with support blocks
- AluK Rollers - 1 pair up to 200kg and 2 pairs up to 400kg Plus 2 x AluK antilift blocks per door leaf.
- Sobinco 5 point Pentlock fixed through H19500 fixing plate Plus Sobinco single piece keep
- 2 Star security external internal and external handles with 1 Star cylinder OR any standard handle with 3 Star Cylinder
- Laminated Glass to 1 Pane - BS EN356:2000 Class P1A
- Max sash width 2006mm, Max sash height 2524mm

BI-FOLDING DOOR SPECIFICATION:

- **AluK BSF70 Aluminium Bi-folding Door system**
- Internally beaded
- Open Out Doors only
- Up to Seven door leaves
- Standard or Low Threshold
- AluK Intermediate Hinges with top and bottom bogie, hinge back plate and anti-lift block.
- Winkhaus traffic door lock with shootbolts
- AluK Sprung Tee Locking handle & L/L Handle
- 2 Star security external internal and external handles with 1 Star cylinder OR any standard handle with 3 Star Cylinder
- Laminated Glass to 1 Pane - BS EN356:2000 Class P1A
- Max sash width 714mm, Max sash height 2068mm

ALUK SINGLE DOOR AND DOUBLE DOOR SYSTEM / ALUK SLIDING & BIFOLDING DOOR SYSTEMS

Successfully tested and certificated to:-

PAS 24:2022 Enhanced security performance requirements for doorsets and windows in the UK



Due to our continuous improvement policy, Alu-tec (UK) Ltd reserves the right to alter or amend product specifications.

For further assistance, call 01702 899440

www.alu-tec.co.uk

Fletchers Square, Temple Farm Industrial Estate, Southend-on-Sea, Essex SS2 5RN