

# Smarts Ali47

Aluminium Windows



A ROOM WITH A VIEW 

# *Slim* & Stylish **Aluminium Windows**



Our Ali 47 Windows are very popular, and offer everything you would expect from a quality aluminium window. The inherent strength of the aluminium means the frame is slimmer than PVCu or timber, letting the maximum amount of light into your home. These windows are available in a wide choice of finishes and colours, including dual colours and are now also available with our innovative Chelton® Handle range.

These residential aluminium windows use high quality double glazed sealed units and 'Polyamide' thermal break technology keeping your home warm, quiet and comfortable all year round. They meet all the latest requirements for new build, replacement and refurbishment projects, and provide excellent weather performance.



## Key Features

- High performance windows at an affordable price.
- Conventional KL colour range - White, Black, Dark Grey 7016, Light Grey, Silver Grey or Brown.
- Available in any of over 200 single or dual RAL colours.
- Range of textured colours also available.
- 'Polyamide' thermally broken profiles for energy efficiency.
- Hardware available in a range of colours including our exclusive Chelton Handle range.
- Can be supplied unglazed or glazed for 28mm or 24mm units.
- Internally or externally beaded options available.\*
- Range of styles available to suit every application.
- Exceeds current building regulations.
- Ideal for new build, replacement and refurbishment projects.
- Suitable for commercial or domestic projects.
- Matches our Ali47 Residential doors.

## Options

- Choice of 6 outerframes.
- 47mm or 70mm outerframe depths.
- Choice of 7 different sash designs.
- White, light grey or black gaskets available.
- Range of projection cills available to suit your build.
- Hardwood frames available if required.



\*Fixed windows are always externally beaded.

# Ali47 Window

Our Ali47 windows come with a range of options so that they can be customised to suit your design needs.

These windows are perfect for new builds, refurbishment or replacement projects and can be designed to co-ordinate with our other aluminium products such as bi-folding doors, patio doors or Single or French residential doors.

## Sash Options

Chelton Vent



Feature Vent



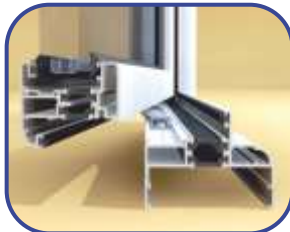
Flat Security Vent



Ovolo Vent



Ovolo Feature Vent



Flat Vent



Cockspur Vent



Please consult our website for more options and details.

## Security

Our Ali47 windows are equipped with a range of security features including:

- Modern multi-point shootbolt locking with key locked Espag handles or multi-point Chelton Secure with key locked Chelton Handles.
- Sash jammers to hinge side.
- Night vent security as standard.
- Modern friction hinges.
- Optionally upgrade to laminated glass for extra security.

## Performance

Our Ali47 are designed with performance in mind to create the best windows possible at an affordable price.

WER	Air Permeability	Water Tightness	Wind Resistance
Rated	600 Pa	1200 Pa	2400 Pa



Ali47 Windows & Matching Doors



Range Of Styles Including Bays



Available In 200+ Colours



Slim, Stylish & Efficient



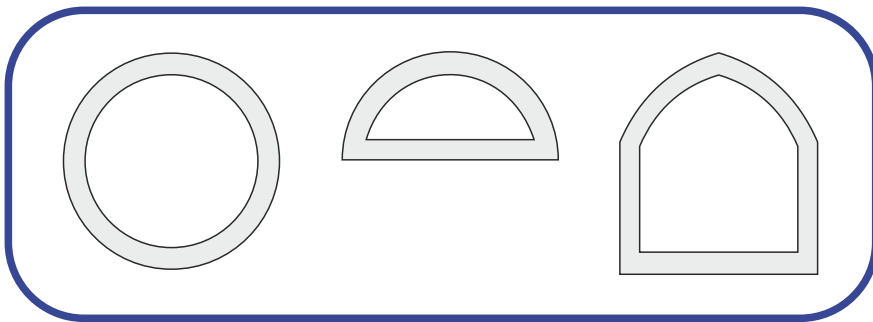
Range Of Styles & Options

# Curved & Shaped Windows

The Ali47 can be fabricated in a range of triangular, semi-circular or circular fixed frame windows. These can be used in a range of applications and can be coupled to our doors to create a light and airy space.

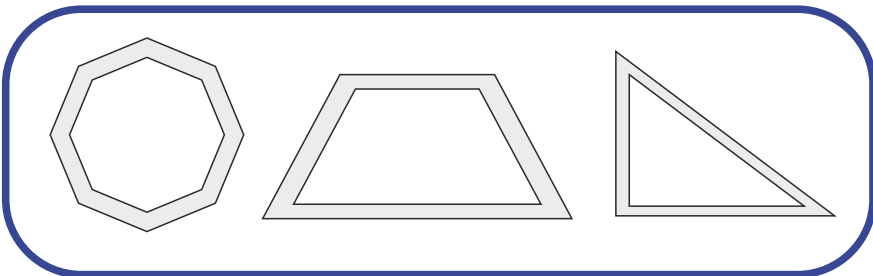
## Curved Products

- Circular, Semi-circular or Gothic arched windows available.
- Curved products must have true curves.
- Smallest diameter achievable is 600mm.
- Fixed windows only (non opening).
- 70mm or 47mm frame options (ETC018 or ETC012).
- Shaped products use a chamfered clip in bead only.
- Shaped windows can be coupled with most door ranges.



## Shaped Products

- Shaped windows are fixed only, non opening only.
- Shaped designs include: Triangular, Octagonal or Trapeziums.
- 70mm or 47mm frame options (All frame options available).
- Shaped windows can use either square or chamfered bead.
- Shaped windows can be coupled with most door ranges.



Fixed Curved Windows



Fixed Triangular Windows



Fixed Curve Top Lite



# Colours

Our Ali47 windows are available in a range of colours and can be either single or dual colour (different colour interior to exterior) to suit any design aspirations. Please see some examples below.

## KL Colours - Flat Paint Finish



## RAL Colours

200+ RAL Colours



## Wood Effect

Oak Effect



## Sensation Colours - Textured Finish

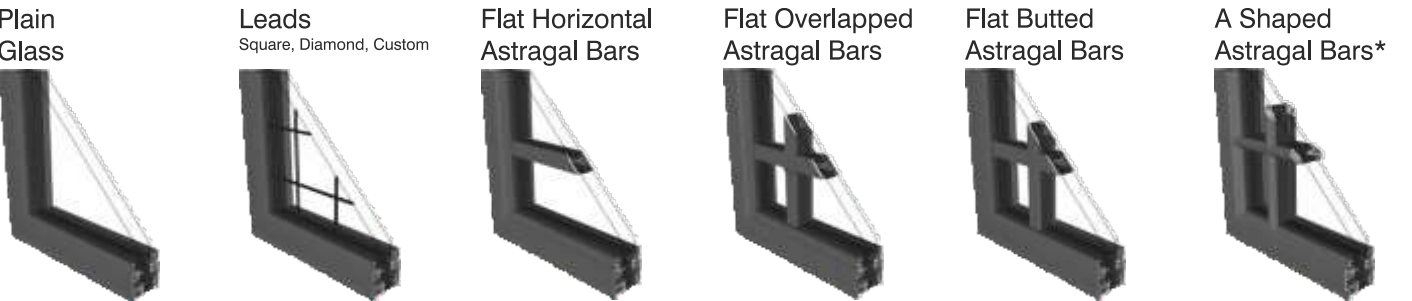
Vulcan Black



There are 24 different textured paint colours available.

This is only a selection of the available colours.  
Please note that for technical reasons associated with colour reproduction the images only give an indication of shade.  
No guarantee can be given that they will exactly match the powder coated product.

# Glass Options



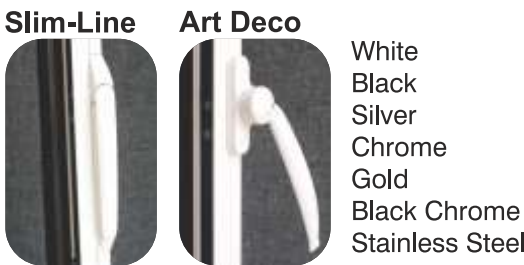
This is only a selection of the available glass options.  
\*Only available on some configurations - please ask.

# Hardware

## Standard Handle

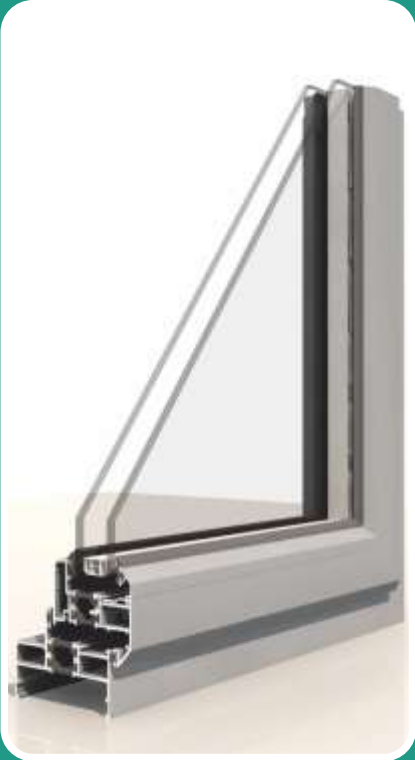
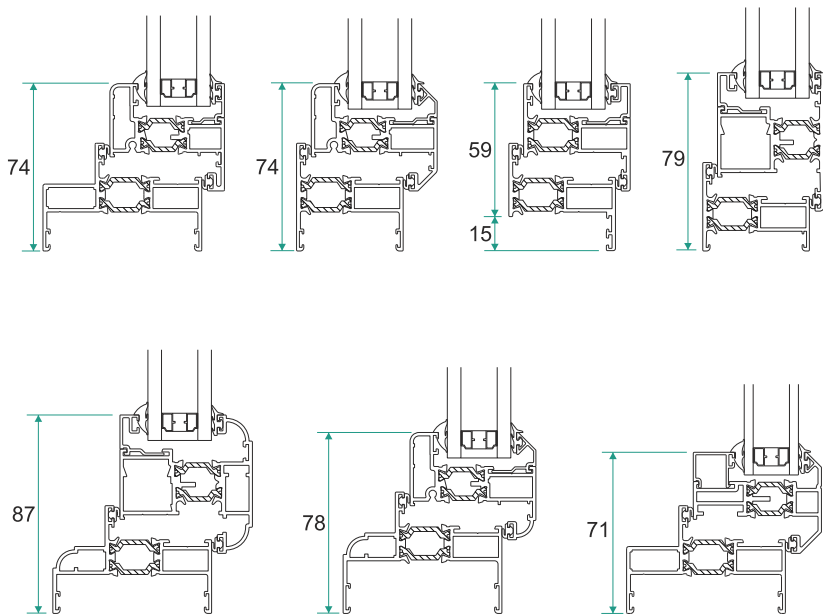


## Chelton Handles - Chelton Sash Only

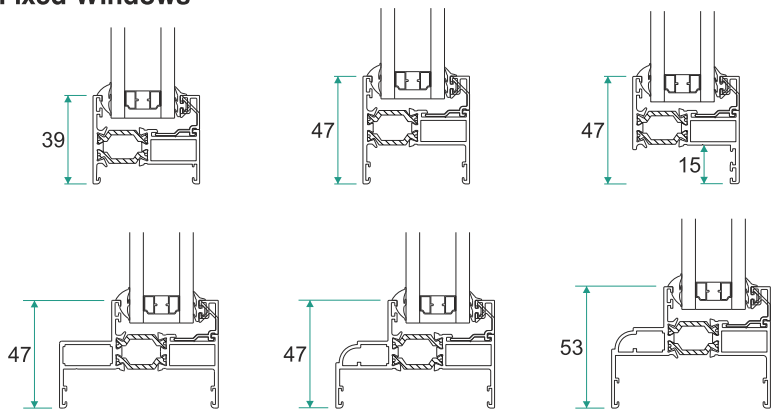


# Technical

## Opening Windows

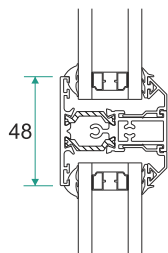


## Fixed Windows

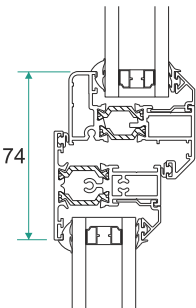


## Transom or Mullion Sections

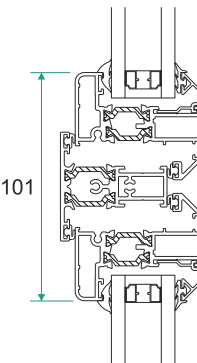
### Fixed / Fixed



### Opener / Fixed



### Opener / Opener



## **A Room With A View**

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