Camden 60mm System

Camden 60C

With an unlimited range of colour choices and style options, 60C is our most popular profile range and is suitable for both new build and replacement frames.

The 60C frame has a chamfered finish with a choice of two types of beading: sculptured and chamfered. Chamfered has clean, smooth and modern edging, whilst sculptured has the appearance of a traditional sculpted frame.

The 60C profile range offers a variety of colour finishes and contemporary black, all with authentic grain-effect finishes. Available in a wide range of profiles, 60C frames include a chamfered finish with a choice of two types of beading: sculptured and chamfered. Sculptured has a more curved appearance giving the frames extra character. Available in 3 classic colours: white, mahogany and oak.

Whole Window u-value: 1.40
Solar Gain: 0.68g
Light Transmission: 80%

Reinforcement: full or par
tal depending on colour
Outerframe: 52 or 62mm depending on profile

“Camden 60C... our most popular frame, with a smooth finish”

Camden 60S

The 60S profile has been fabricated specifically for the Camden Group to allow customers more choice when choosing their frames.

The 60S frame has a sculptured finish with a matching sculptured beading. Sculptured profile has a more curved appearance giving the frames extra character. Available in 3 classic colours: white, mahogany and oak.

Features 4 internal chambers within the profile, this further adds to the thermal efficiency of the frame. The 60S is available in a wide range of profile finishes, from traditional oak and mahogany to contemporary black, all with authentic grain-effect finishes.

Whole Window u-value: 1.40-1.45
Solar Gain: 0.63g
Light Transmission: 78%

Available in casement windows and French windows. Available with BSI “A” and “B” ratings. Available with BSI “A” and “B” ratings.

“Camden 60S... with 4 internal chambers, and a shaped finish”

Camden eCare Energy Rated Windows

Camden “A” Rated Window

Energy Rating: A
Whole Window u-value: 1.40
Frame Profile: 60C, 70C & 70S
Shading Size: 4/16/4 (white) & 4/20/4 (black)
Gasket: Low Iron
Gas Fill: Argon
Inner Glass: Low E Soft Coat
Spacer Bar: Warm Edge Super Spacer
Spacer Bar & Gas Fill: Argon
Light Transmission: 70%

Camden “B” Rated Window

Energy Rating: B
Whole Window u-value: 1.40-1.45
Frame Profile: 60C & 60S
Shading Size: 4/16/4
Gasket: Low Iron
Gas Fill: Argon
Inner Glass: Low E Soft Coat
Spacer Bar: Warm Edge Super Spacer
Spacer Bar & Gas Fill: Argon
Light Transmission: 50.4%

“Energy Efficient Glass...”

Float Glass: Standard glass found in many double glazed units
Low Iron Glass:
• Clear, neutral appearance
• Excellent light transmission
• “A” rating when combined with Low E Soft Coat

Low E Soft Coat Glass:
• Enhanced thermal insulation
• Excellent light transmission
• “A” rating when combined with Low Iron

Argon Gas:
• Reduces convection (the transfer of heat)
• Ensures extra insulation
• Argon raises the overall glass temperature, helping to eliminate condensation

“Spacer Bar & Gas Fill...”

Warm Edge Spacer:
• Foam-based spacer bar
• Heat loss reduced by up to 99%
• Reduces condensation by up to 70%

*Whole window u-values may vary and individual window dimensions.
What are Energy Rated Windows?

The energy efficiency of windows is measured by Window Energy Ratings. WERs take into account the performance of both frame and glass known as a whole window rating, and are determined by three main factors:

1) Thermal Transmittance (U-window): measures heat that is lost through the overall window - energy efficient windows reduce heat loss, therefore a lower window value means better energy efficiency.

2) Heat Gain (G-window): measures the amount of heat that is absorbed from the sun - energy efficient windows transmit solar heat back into the room (helping to lower home-heating usage).

3) Air Leakage/Loss (L-factor): measures heat loss that occurs as a result of general air leakage - an energy efficient frame and glass will help reduce air leakage.

Energy Rated Windows - the benefits for home owners:

1) Save money on your home heating bills... your heating bills could be reduced by up to 20% per year.

2) The Environment... energy efficient windows will help ensure you do "your bit" for the environment and could reduce your CO₂ emissions by up to two tonnes.

3) Current building regulations... energy efficient windows adhere to currently building regulations for new build properties and houses for sale or rent. If you are selling your home, energy rated windows could help add to the overall value of the property.

Single and old double glazing results in major heat loss within the home. Upgrading to energy efficient windows will greatly reduce heat loss, keeping your home warmer and reducing C0₂ emissions.

Camden Group’s range of Energy Rated Windows has been designed to minimise heat loss, absorb heat from the sun and eliminate air leakage... the result is savings on home heating bills and reduced energy waste.

Camden Energy Rated Windows are listed and certified by the British Standards Institute and approved by the Energy Saving Trust scheme.

Camden 70mm System

The 70C frame range, fabricated from 70mm profile, is suitable for both new build and replacement frames and allen customers extra choice. The 70C frame is chamfered on both sides giving a smooth and modern edging, and with the option of chamfered or sculptured beading. Available in white, rosewood and oak.

The 70S frame is fully sculptured on both sides offering a more traditional finish, and is further complemented by fully sculptured beading. 70S frames are suitable for both new build and replacement frames, and offer you extra width in comparison to 60mm frames.

Available in casement windows, Tilt N Turns, mini-French windows and special frames.

- Internally Glazed
- Evaporative sail icing available
- 5 Colour Options
- Integral gaskets
- Available with ESI "A" & "C" ratings

Camden 70S

Camden 70S offer all the advantages of the 70mm system with the added advantage of a fully sculptured frame.

The 70S frame is fully sculptured on both sides offering a more traditional finish, and is further complemented by fully sculptured beading. 70S frames are suitable for both new-build and replacement frames, and offers you extra width in comparison to 60mm frames.

Available in casement windows, Tilt N Turs, mini-French windows and special frames.

- 70mm Profile
- Fully sculptured frame
- Sculptured beading
- 28mm glazing and beading
- Concealed drainage available
- Internally Glazed
- Evaporative sail locking available
- Integral gaskets
- Available with ESI "A" rating

"Camden 70C... allowing extra frame width, with a smooth finish"

"Camden 70S... allowing extra frame width, with a shaped finish"
**Window Types and Styles**

**Vertical Sliding Sash**

The vertical sliding sash window range combines the elegance of traditional sash windows with the benefits of PVCu. Suitable for replacing existing timber sashes in period buildings and for new builds seeking to capture a traditional feel. The traditional style can be enhanced with the addition of astragal bars, decorative horns, and a choice of colour and texture options.

**French Windows**

Brighten up your home with French windows. The opening allows unrestricted access and provides maximum ventilation.

**Tilt N Turns**

Tilt n’ Turn windows are secure and easy to operate. The tilt position allows ventilation, and the side hung facility allows for full opening into the room.

**Casemount**

Casemount windows are the most popular style of window due to their versatility, and are ideal for new builds and any direct window replacement.

Casement windows are available in a range of styles, shapes and colour options. The range includes fixed light frames, side and top hung openings, and bay windows.

**Window Styles**

Below is an example of the window styles available. Our manufacture to practically any size, shape or style... so the choice is yours.

**Frame, Glass and Colour Options**

**Window Frame Elements:**
1. Profile – PVCu frame, available in 60mm and 70mm profile
2. Sash – the opening part of the frame, options include a top opening sash or side opening sash
3. Glazing Unit – 24mm or 28mm double glazing units available
4. Reeding – secures glazing units into frame. Available in sculptured or chamfered finish to match frame profile
5. Gasket – the rubber material added to profile to cushion glazing unit. Gaskets are integrated and colour co-ordinated
6. Hinge – several hinge options available depending on the type/profile of window
7. Tilt Lever – (optional) allows for air intake
8. Drainage Caps – caps fitted over drainage holes to allow water drainage. Concealed drainage also available
9. Handle – operates window locking system. Espagnole type locking system also available
10. Transom – the profile rail that runs horizontally within a window frame (ie: left to right)
11. Mullion – the profile rail that runs vertically within a window frame (ie: top to bottom)

**Obscure Glass Options:**

- Standard/Stock Colour
- Non-Stock Colour
- Colour on White
- Colour on Black
- Colour on Silver Grey
- Colour on Charcoal
- Colour on Rosewood
- Colour on Oak
- Colour on Natural

**Profile Finish**

- Chamfered
- Sculptured

**Colour Options:**

- Standard/Stock Colour
- Non-Stock Colour
- Colour on White
- Colour on Black
- Colour on Silver Grey
- Colour on Charcoal
- Colour on Rosewood
- Colour on Oak
- Colour on Natural

**Specials**

Casemount Specials make a unique addition to your home. Our investment in top of the range machinery ensures that frames can be manufactured to any shape.

Example of shapes available:
- Porthole windows
- Apex windows
- Gothic Arches
- Arched Tilt ‘n’ Turns
- Vertical Sliders with arched head

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