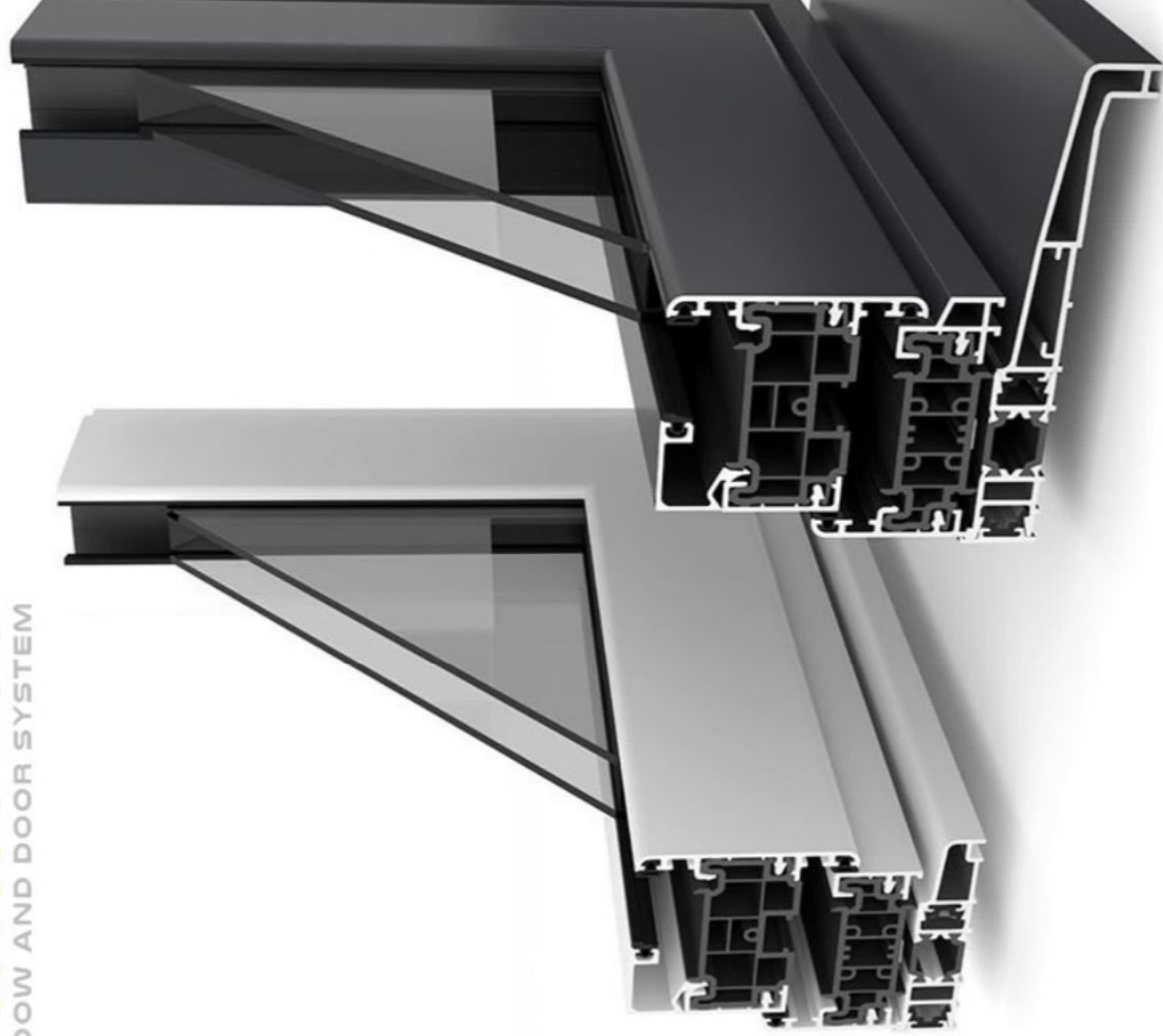
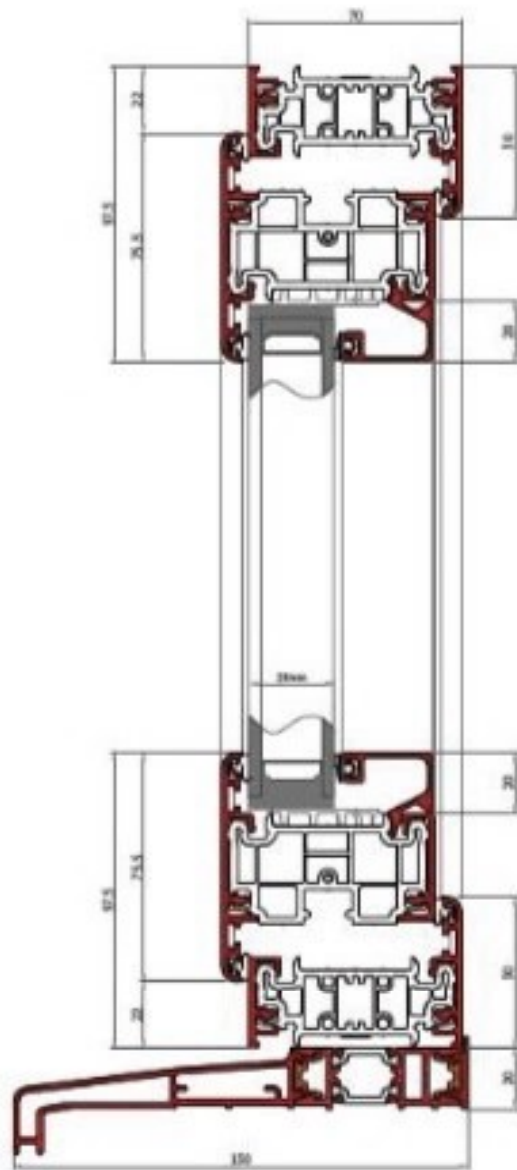


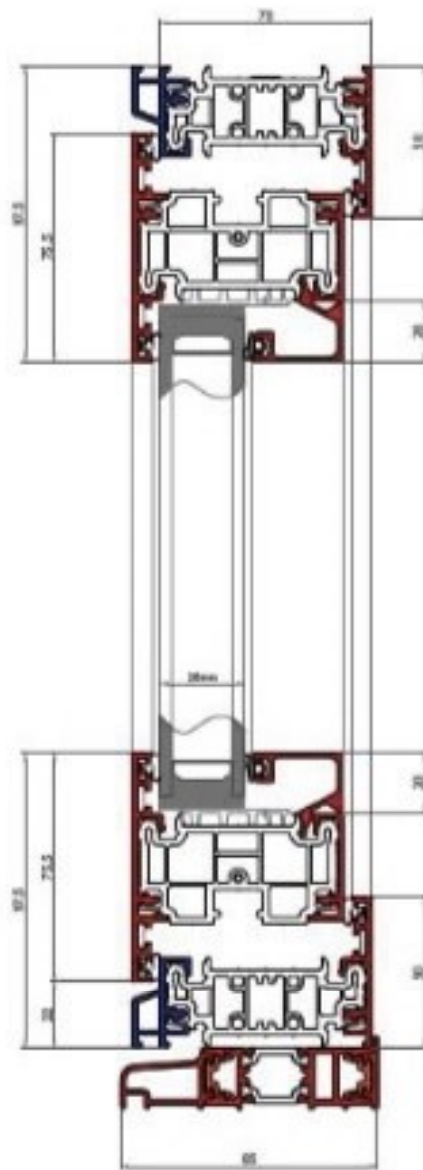
**warmcore®**  
WINDOW AND DOOR SYSTEM



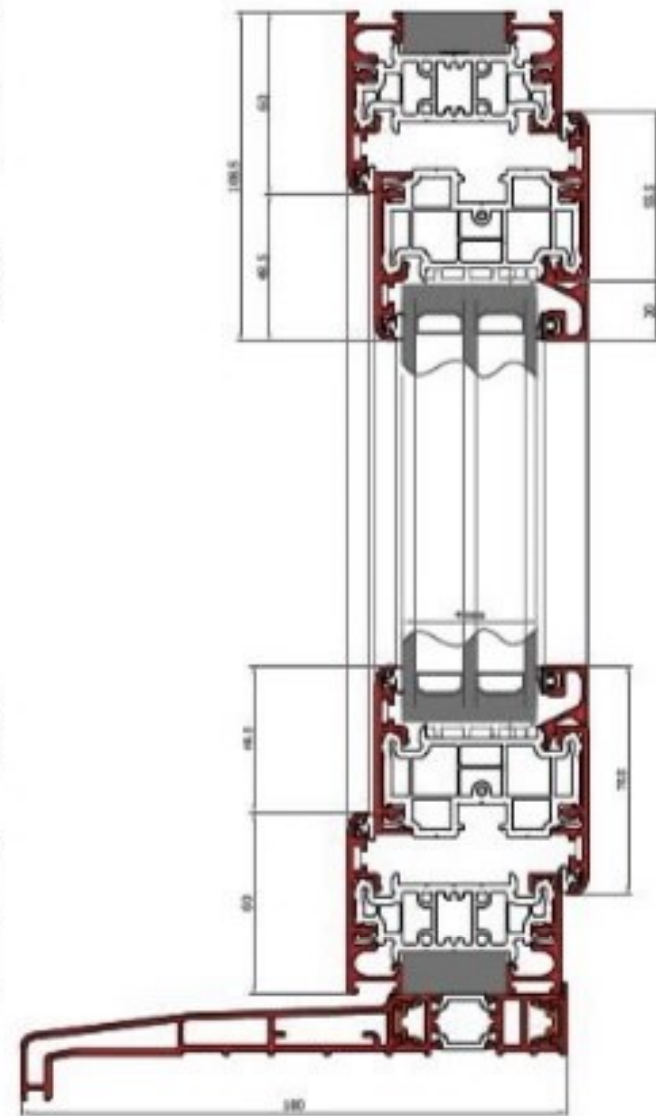
# CROSS SECTIONS SHOWING DIFFERENT ALUFRAME CONFIGURATIONS



Double glazed pencil round  
casement window on 150mm sill

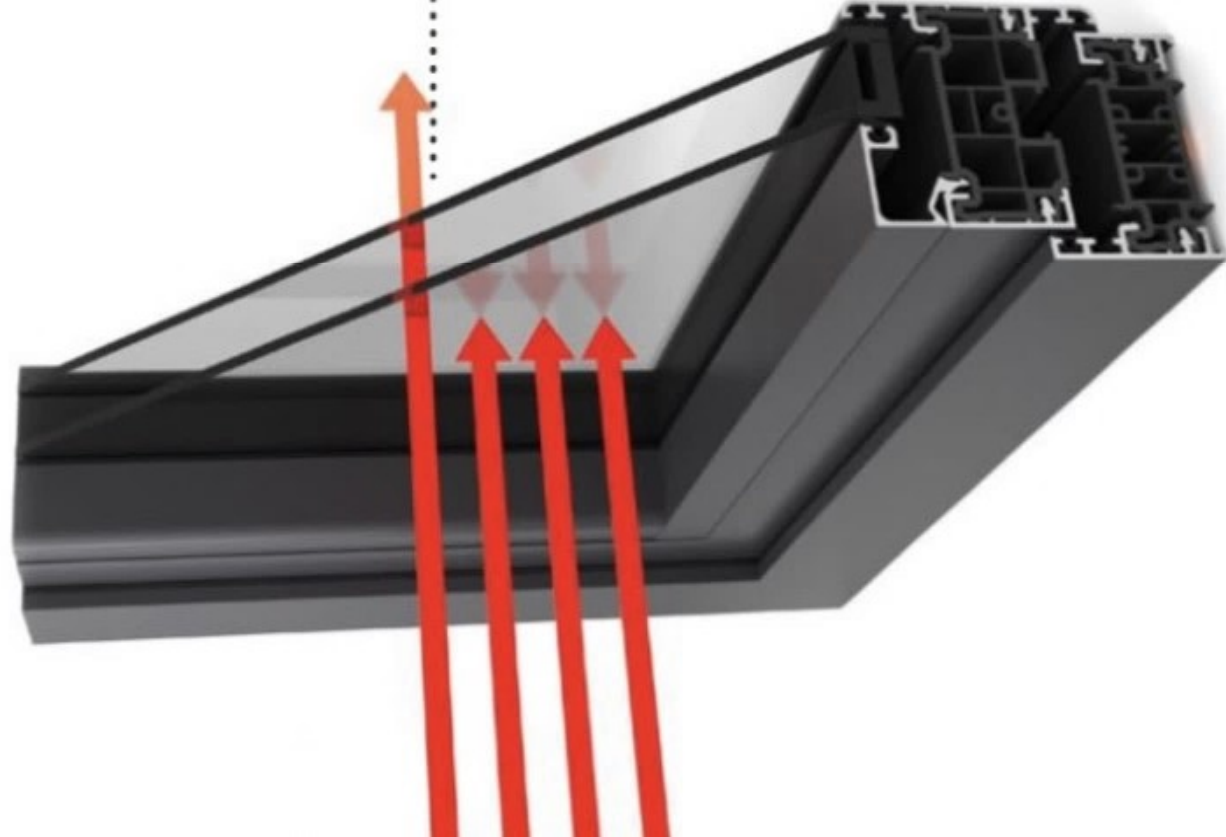


Double glazed square flush  
casement window on 85mm sill



Triple glazed pencil round  
tilt and turn window on 180mm sill

# R CHOICE Y



**u 1.6 W/m2K**

Current Building Regulations Part L requirements for replacement doors

**u 1.3**  
Double Glazed\*

**u 0.8**  
Triple Glaze

**Alu||frame**

Thermal performance

## U-Values explained

A U-Value is basically a measure of heat loss through a structural element. It is calculated on the rate at which heat transfers through 1 square metre of a structure and is stated in W/m2K. U-Values are used by the construction industry to compare the thermal performance of different materials and products.

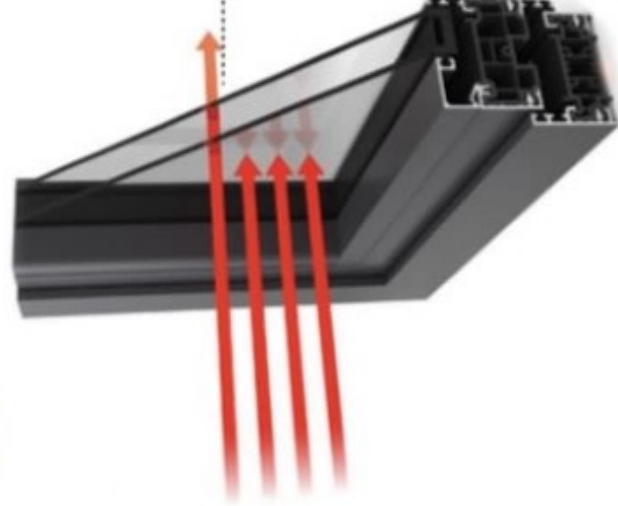
competitor aluminium 70mm systems with the same glass specification.

# ALUFRAME, THE WARMER CHOICE THAT SAVES YOU MONEY

The traditional weakness of aluminium doors have been the aluminium itself. A beautifully strong and hard-wearing material, aluminium is a good conductor of energy.

The warmth from your home finds an easy path outwards, leaving you colder and with higher heating bills. Most aluminium window systems try to overcome this inherent weakness by replacing a section of aluminium with a small thermal break of less conductive material, to lessen this heat loss.

Aluhaus took a different approach. From inception this revolutionary folding sliding door was designed to be as thermally-efficient as possible. Built around a full width thermal core - maximising the use of low conductive material - Alufold is 25% more efficient at keeping heat in your home than traditional aluminium windows. Yet it doesn't compromise strength, as the outer faces of the profile are made from high grade aluminium, positioned to add the greatest structural rigidity.



**u 1.6 W/m<sup>2</sup>K**

Current Building Regulations Part L requirements for replacement doors

**u 1.3**  
Double Glazed\*

**u 0.8**  
Triple Glazed\*

**Alu|||frame**

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\* Data correct at time of publication, and dependent on window style. Based on competitor aluminium 70mm systems with the same glass specification.

## SLEEK WITH MODERN CONTEMPORARY ALUMINIUM VISUAL SIGHTLINES

Aluframe casement windows are available in a 'flush sash' option for the ultimate in clean, modern aesthetics. Using a stepped outer frame, the sash - the opening part of the window - sits on the same plane as the rest of the window, creating a pure, cutting-edge look to this high performance window system. In addition where two flush sashes meet, Aluframe uses a feature mullion - which echoes the flush sash feature, creating a precise bead line in between the two windows.

