

# Introducing the Ultimate PVC-u Triple Glazed Energy Saving Window



OPTIWHITE

ARGON CAVITY

OPTITHERM S4 PLUS  
(TOUGHENED GLASS)

ARGON CAVITY

OPTITHERM S4 PLUS

SWISSPACER V

*Sculptured*

**A+13 WER**  
**1.1 U-value**

**JohnFREDERICKS**

*Chamfered*

# A New Era in Energy Efficiency

In an effort to reduce carbon emissions, the government have in recent years focussed much attention on the energy efficiency of domestic dwellings.

With the new opportunities that modern technology brings, this attention will only increase, as will the demand for ultra energy efficient windows.

Giant steps have been made in recent years with regards to the energy efficiency of PVC-u profile and the thermal efficiency of glass. This development in technology has resulted in Triple Glazing, by far the most energy efficient product yet.

## How it all works

The advanced combination of thermally efficient profile, high performance glass, Swisspacer V and Argon Gas (shown overleaf) reduces the amount of heat loss through windows but still allows heat intake from the sun, an effect known as solar gain.

### Pilkington Optitherm S4 Plus

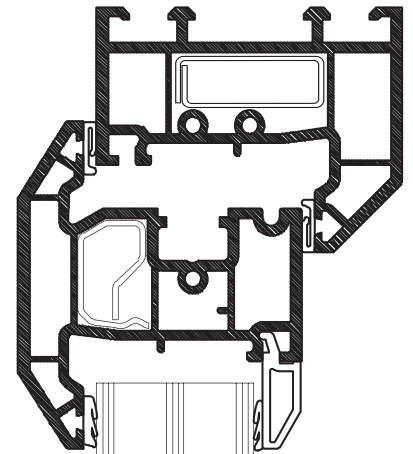
Provides outstanding thermal insulation which helps prevent heat escaping the home and also features a very high light transmittance and low reflectance to give a neutral appearance, so you can create aesthetically pleasing environments using less energy.

### Pilkington Optiwhite

A special 'extra-clear' type of glass. It increases the degree of solar heat gain and makes homes warmer using free energy from the sun.

This combination of thermal insulation and solar gain significantly reduces home energy use as the solar gain is greater than the heat lost.

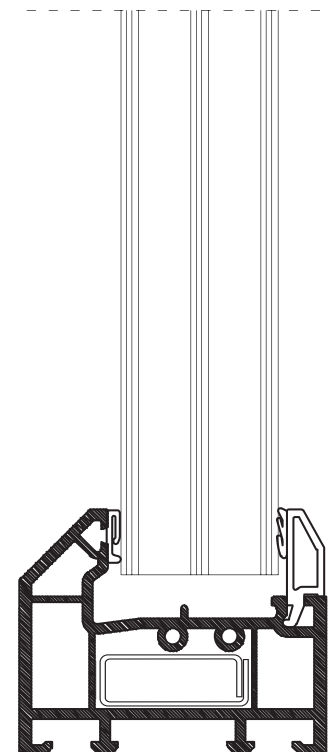
- WER Band A
- Increased Sound Proofing
- Energy Index 13
- U-value 1.1



Chamfered Suite



Sculptured Suite



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