



TRIPLE GLAZED OPTIONS

For enhanced energy efficiency

Achieves A+ rating requirements



GLAZED WINDOWS

to be the sole purpose of glazing can contribute to the thermal home and help save you money on energy bills. We have pioneered the design and manufacture of window and door systems for over 30 years. Our commitment in the profile systems it is now is to be technically advanced on the market. A 10 year warranty on our products, gives the added confidence that once installed, they will last for many years. Just a few of the reasons why we are now one of the most specified uPVC window and door systems.

Energy efficient glazed options?

Energy efficient glazed options are established in many parts of the world and are becoming increasingly popular in the UK. The most exposed parts of a building are the windows. The Energy Saving Trust, a leading UK energy efficiency organisation, states that domestic heat loss escapes through windows. Installing energy efficient glazed options can help keep the cost of heating your home down.

Thermal insulation

Energy efficient glass also offers improved thermal insulation over standard double glazed windows. This can be achieved by using different types of glass, such as the sealed unit, or by increasing the unit's thermal insulation on the size of the unit.

Energy efficient glazed pane of glass improves the thermal insulation of double glazed windows. One of the benefits of toughened glass is that it is less likely to crack than standard glass. It is built up on a toughener and used inside the

Triple glazing, the facts...

Triple glazing is the key to reducing heat loss through your windows and will help to reduce your fuel bills.

- Triple glazed units are up to 40% more thermally efficient than double glazed units.
- A window fitted with triple glazed units exceeds the current "A" rated window energy rating.
- The internal surface temperature of a single glazed window is around 1°C.
- The internal surface temperature of a double glazed window (fitted 10 years ago) is generally around 11°C.
- The internal surface temperature of a triple glazed window pane is 18°C with a u-value of 0.68.
- Triple glazed units will not overheat your home. The level of solar gain is actually less than double glazed units due to the extra pane of glass and additional cavity.

We can offer triple glazing options with any of our VEKA systems including Matrix 70, Matrix FS70 and

Thermal images explanation

Pictured left you can see the external glass temperature of the hall at -5.2°C and the living room glass at -4.5°C, this shows that heat is being lost.

Pictured to the right the external glass temperature of the hall at -5.2°C and the living room glass at -4.5°C, this clearly demonstrates no heat is being lost and all the heat is reflected back into the home to help reduce the cost of heating bills.

BEFORE

AFTER

Veka Matrix FS70 Fully sculptured
36mm triple glazed
0.76 U-value
Whole window 1.1 u-value

Veka Matrix 70 Sculptured sash
40mm triple glazed
0.68 U-value
Whole window 1.0 u-value

WHY CHOOSE TRIPLE GLAZING?



For enhanced energy efficiency...
reducing your fuel bills

Improved sound insulation...
with the additional pane of glass

Enhanced security...
with the toughened middle pane of glass

Better for the environment...
a much greener choice for your home

Supplied and fitted...
by your local, reputable installer



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