



**euroview**  
ARCHITECTURAL GLASS

# Triple Glazing

The Next Generation in  
Glazed Windows & Glass Units

High performance, long lasting, energy efficient, sound reduction solutions  
for all window / glass environments

# Introducing VG Triple Glazing

Letting in light was once the sole function of a window but no longer. Window glazing can be a significant contributor towards the thermal properties of residential homes and commercial building environments, with triple glazing outperforming other types of glazing. It was originally devised for harsh winters, triple glazing reduces the heat loss through the window by a third more than efficient double glazing, and the sound insulation can be improved also.

Using the very latest advancements in next generation low-emissivity (low-e) coating technology, VG's Triple Glazing solution has been specifically developed for the UK environment. In addition to this it has been optimised for Window Energy Ratings (WERs) making it the most energy efficient glazing solution available today.

Triple glazing is far superior in terms of thermal efficiency than standard glazing options, approximately 60% more thermally efficient than C-rated double glazed windows, and 40% more than A-rated double glazing.

## How Does Triple Glazing Work?

It's the club sandwich of window design. While double glazing consists of two layers of glass with an air gap between them, triple glazing gives you three layers of glass and two air gaps.

By using three layers of glass it allows a high level of solar heat gain, capturing free heat energy from outside during the daytime to warm the home. This is combined with exceptional thermal insulation properties with triple glazed units having a very low U-value\* to keep the heat in during night and day.



## TRIPLE GLAZING APPLICATIONS

### Domestic / Residential

- » Windows and skylights
- » Patio doors, French doors and other external doors
- » Conservatories and sun rooms

### Commercial / Industrial

- » Façades / windows
- » Curtain walling
- » Structural glazing
- » Overhead glazing

# Triple the Performance: Product Specifications

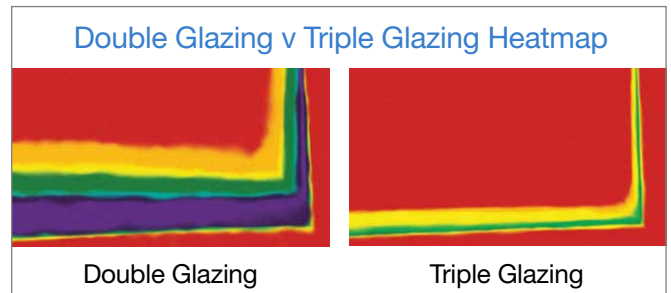
4mm / 12mm argon / 4mm / 12mm argon / 4mm			
Glass	LT	SF	uValue
<b>Low-e Option</b>			
4mm Clear Float 4mm VG + Low-e (surface 3) 4mm VG + Low-e (surface 5)	71%	61%	0.8w/m <sup>2</sup> k
<b>Solar Control Option</b>			
4mm VG Solar 70/41(surface 2) 4mm Clear Float 4mm VG + Low-e (surface 5)	64%	38%	0.7w/m <sup>2</sup> k
4mm / 16mm argon / 4mm / 16mm argon / 4mm			
<b>Low-e Option</b>			
4mm Clear Float 4mm VG + Low-e (surface 3) 4mm VG + Low-e (surface 5)	71%	61%	0.6w/m <sup>2</sup> k
<b>Solar Control Option</b>			
4mm VG Solar 70/41(surface 2) 4mm Clear Float 4mm VG + Low-e (surface 5)	64%	38%	0.6w/m <sup>2</sup> k
6mm / 16mm argon / 4mm / 16mm argon / 6mm			
6mm VG 1.0 Low-e (surface 2) 4mm Clear Float 6mm VG 1.0 Low-e (surface 5)	55%	37%	0.5w/m <sup>2</sup> k

**Thermal Safety – due to heat build-up within the cavities it is recommend that the middle pane should always be toughened**

# Triple the Benefits...

**Noise Reduction** - The acoustically insulated triple glazed windows can help to cut out excess sound and the harmful effects of noise.

**Improved Energy Efficiency** - As well as the sound reduction benefits, our triple glazed units are almost 3 times as effective as regular double glazing and over 5 times as effective as single glazing in reducing heat loss and saving money in energy bills. The internal surface temperature is around 2 degrees warmer than with a modern double glazed unit. This means that it is more comfortable to stand next to windows as any cold spots and internal condensation are virtually eliminated. As a result of this Triple Glazing is the most environmentally friendly green glazing solution on the market today due to the lower CO2 emissions associated with reduced energy consumption



**Enhanced security** - the extra pane of glass ensures that your windows are less easy to break through giving you peace of mind when it comes to security.

**Please contact one of our sales representatives to discuss the many applications, options and benefits**

**Tel: 01376 503838**

**Fax: 01376 503747**

**For Sales & Estimates:** [estimating@euroview.glass](mailto:estimating@euroview.glass)

**For General Information:** [info@euroview.glass](mailto:info@euroview.glass)

**For Account Information:** [accounts@euroview.glass](mailto:accounts@euroview.glass)

Euroview Architectural Glass Unit 2 Eastways Industrial Estate  
Witham Essex CM8 3YQ