

SILVAGLAZE

...enjoy the view



...enjoy the savings

SILVAGLAZE

premium rated insulated units

Did you know that up to 75% of all your windows and doors are composed of glass. In some cases, particularly with modern architectural designs, it can be even higher. You should consider the glass available for your home or workplace has, and realise what it can do for you.

Even though you may have double glazed units, there has been major advances in glass technology over the past 15 years and First Glass can bring these improvements to you with the launch of our premium insulated unit range **SILVAGLAZE**



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insulated units have the following properties

High insulation qualities by using a glass with silver based low emissivity coating. This coating not only reflects heat back in to your home but has excellent optical clarity, giving you the best of both worlds.

Warm edge technology which increases the performance of the double glazed unit right out to the frame itself while it can alleviate condensation problems.

Argon Gas filled as standard, which improves thermal insulation.

Excellent light transmission which allows the sun's natural light and energy flow into your home.

Have the optional capabilities of privacy, acoustic and solar control with the use of obscure, body tinted and acoustic laminated glass on the outer leaf.

Manufactured to the recognised European quality standards (EN1279).





Reduce energy costs & reduce your carbon footprint

Having a product with all these properties, will assist you to reduce your energy costs throughout the year, it will improve your home energy rating (BER), letting you relax in the knowledge that you are reducing your carbon footprint for the environment.

SILVAGLAZE incorporated in any approved window system can give you an A-rated window which makes it a premium energy saving window.

This product is available in both double glazed and triple glazed options and coupled with the use of low-Iron extra clear glass, silver based low emissivity coating, warm edge technology and an argon gas filled cavity, you can achieve U-Values as low as 0.6 W/Km².

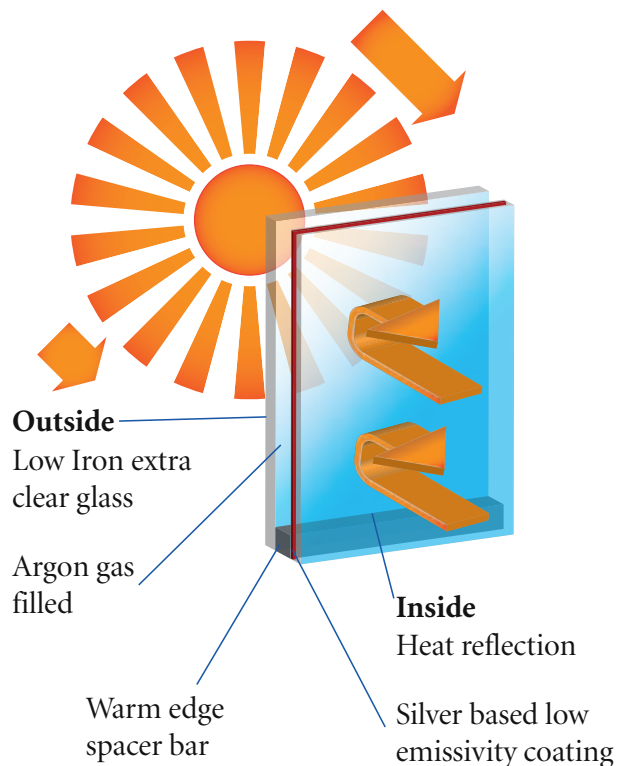
Timber



Aluminium



PVC

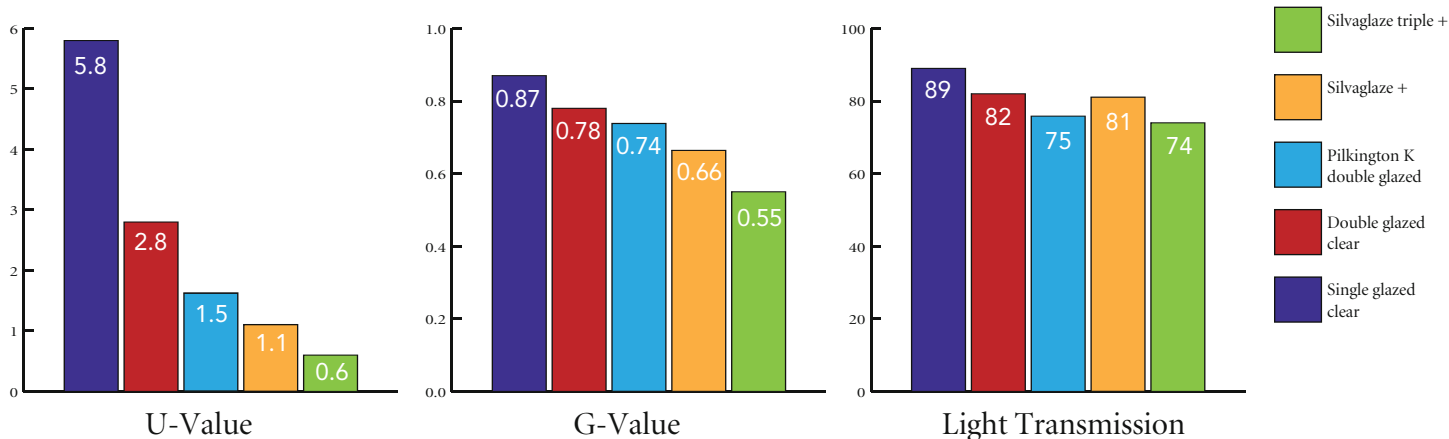


Upgrade your existing windows

You can upgrade your existing windows by changing your glass to **SILVAGLAZE**. This is an ideal solution where your existing frames are of a high standard but had been glazed with the less efficient glass of the day, this allows you to achieve improvements to your windows at a minimal cost.



Technical Information



U-Value

U-Value is the measurement of heat lost through your glass and is expressed in watts per kelvin metre square OR W/Km². The lower the U-value the better the insulation.

G-Value

Solar gain:(also known as passive solar gain) is the natural heat gain from the sun's rays and it passes through your glass in two ways -
 (a) directly through the glass (having low iron/extra clear glass allows easier passage for the natural light).
 (b) heat is also absorbed by the glass which is subsequently radiated inwards.
 The G-value is the coefficient that is used to measure this and ranges from 0 – 1.

Light Transmission

The percentage of visible light transmitted through the glass.

What this means to you

The best combination is high thermal insulation, which means a low U-value combined with a G-value that is not too high and excellent optical clarity (light transmission).

The **SILVAGLAZE** range as you can see from the above comparison chart ticks all these boxes. The huge improvements that have been made through the advances in glass and glazing components, especially in first glass's silvaglade range, allows us to bring this to you. Achieving U-values as low as .06 while retaining excellent light transmission in addition it is using the natural energy of the sun to your advantage.

These advancements can reduce costs on your energy bills and create a comfortable living/working environment for you. **SILVAGLAZE** is the latest generation of glass units for your home or office and all you need to do is enjoy the view. Then enjoy the savings.



To see the full **SILVAGLAZE** range please visit www.firstglass.ie

SILVAGLAZE

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