



## Making your windows and doors more energy efficient

Windows and doors can make a significant difference in the energy efficiency of your home. The cost of heating and cooling our homes is rising every year. Many factors come into play when designing a home for improved energy efficiency, including its site orientation and materials used in construction. Not all of these aspects are always within our control, but through the smart use of different glazing options, you can address some of these challenges while enhancing the long term performance and liveability of your home. There are both single and double glazed options that provide improved energy efficiency performance.



# Energy Efficiency

### Double Glazed Windows for Energy Efficiency

Double glazed windows are made from two panes of glass that are separated by a layer of air or gas and then sealed. They are designed to provide an even better barrier against outside temperatures because the two layers of glass and the air or gas in between those layers, act as insulators. The use of a gas, most often argon, between the layers is considered to be a better insulator than those with just a sealed pocket of air. Gases like argon allow less heat to escape and less cold to enter because they have a higher density. All double glazed products from Southern Star Group have the argon gas buffer.

There are also other single glazing options to assist with enhancing the energy efficiency of your home. Some glass types offer improved solar control compared to ordinary glass, helping to reduce the sun's heat through the glass. Low emissivity glass has a special durable coating that is fused to the glass that helps to control the flow of heat both in and out of the window. It offers improved insulation compared to ordinary glass and is available in a range of colours and solar control options. For more information about these glass options talk to your representative.



Our AWA membership is your guarantee of performance



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