

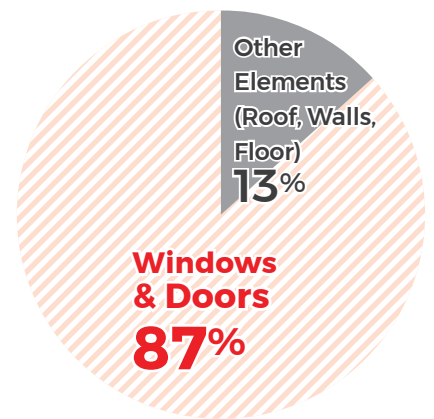
DOUBLE GLAZED WINDOWS



Choosing the correct windows and doors is one of the most important elements in designing an energy efficient and acoustically quieter home. While windows may seem like a small part of the home they have significant influence on a home's energy efficiency and comfort levels.



SHARE OF BUILDING
HEAT LOSS



SHARE OF BUILDING
HEAT GAIN

KEY BENEFITS OF DOUBLE GLAZING

- ✓ Cooler in summer
- ✓ Warmer in winter
- ✓ Save on your power bills
- ✓ Quieter home - better sleep
- ✓ Improved resale value to your home
- ✓ Better security for your home

SAVE IN ENERGY COSTS EACH YEAR

With double glazing you can take control of your home's core temperature or, as the sustainability experts say, balance your home's heat transfer. This reduces the need to use air conditioners and heaters to maintain an optimal temperature inside. With your energy needs dropping, you can expect a fair drop in your power bills too.

TURN DOWN THE NEIGHBOURHOOD

In addition to reducing thermal transfer, double glazing has a great ability to reduce acoustic transfer too. The vacuumed air gap within double glazing absorbs noises, you'll hear less traffic noise, loud neighbours, air conditioning units and barking dogs. Close the windows and turn down the neighbourhood noise.

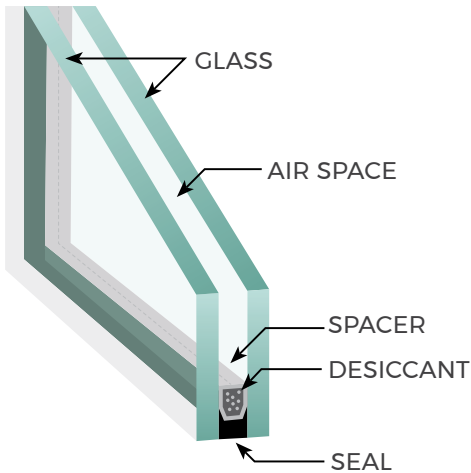
WHY DO WINDOWS MATTER?

When you look at the make up, or building area, of your new home you will notice windows are a relatively small part. On average windows and doors account for 8% of the total building, with other elements (such as roof, floors, walls) making up 92%.

Windows may be a small part of your home's make up but glazing is the main offender when it comes to heat loss and heat gain. In comparison to all the other items that make up your home, glazing is responsible for 48% of heat loss and a massive 87% of heat gain.



33% THERMAL IMPROVEMENT IN COMPARISON TO STANDARD GLAZED PRODUCTS



WHAT IS DOUBLE GLAZING?

Double glazing consists of two panes of glass bonded together by a spacer and separated by a vacuumed air gap. The type of glass, the thickness of the glass, and the thickness of the vacuumed air gap all play a part in how effective double glazing will be in your home.

The other major factor contributing to energy efficiency is the fit of the windows and how they are installed.



Double glazing provides an additional **50%** decrease in noise, compared to a AWA generic window.

Glass Co Metro offers a **10 year warranty** on all double glazed units.

INDUSTRY COMPARISON

PRODUCT	GLASS	COOLING STARS	HEATING STARS	U-VALUE	SHGC	ACCOUSTICS (RW)
Aluminium Window Generic (AWA Generic Window rating)	3mm Clear Single Glazed	0	0	7.4	0.77	24
Sliding Window Glass Co Metro	5mm Glass/ 8mm Air / 5mm Glass	2	3.5	4.5	0.55	30
Awning Window Glass Co Metro	5mm Glass/ 8mm Air / 5mm Glass	2.5	5	4.4	0.53	34
Sliding Door Glass Co Metro	5mm Glass/ 8mm Air / 5mm Glass	2	4.5	4	0.59	33
50mm Awning Window Glass Co Metro	5mm Glass/ 8mm Air / 5mm Glass	2	5.5	4.2	0.55	34

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*Conditions apply. †Excluding wet areas and timber products, please contact your Sales Representative if you would like to add double glazing to the wet areas of your new home. Images are for illustrative purposes only. All data acquired from awa.org.au and nathers.gov.au. March 2019. BC14299.

