

# Selecting glass for your windows

Now that you have decided you don't want ordinary glass in your home, you can start looking at selecting better performing glass for your windows. Selecting better performing glass for your home will mean that your windows will still be delivering benefits long after the kitchen benchtop has discoloured and the taps have fallen out of fashion!

## What are the big benefits of choosing high performance glass?

Windows and glass will have a huge impact on your home. They not only add to the comfort and livability of your home, they can also save you money on lighting, heating/cooling, reduce noise and help keep you connected to the outdoors.

Government energy standards are demanding better ways of building and Viridian has a complete range to help homeowners create a space that not only exceeds current standards but will also give you a better home to live in for the future.

## What kind of glass helps reduce noise?

As housing gets more compact and we are living closer to our neighbours, you need a glass that works to keep unwanted noise out but also works the other way so you have privacy in your own home. LightBridge next™ is double glazing which includes added acoustic technology to support you to dampen noise. Alternatively you can also explore the Hush™ range - VLam™ Hush and ComfortHush™ are specially formulated single glazing products to support noise comfort. Speak to your window team about what is best for your requirements.

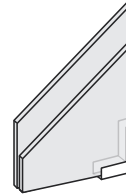
## Ready to take your high performance glass conversation to the next stage?

Speak to your window fabricator or building team about your frames and glass to suit your budget, design and lifestyle.

Don't forget to ask for Viridian Glass!

Do not settle for ordinary glass in your home!

### ClimaTech™ DOUBLE GLAZING



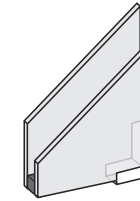
**Does a great job** in supporting your home's comfort and natural light with budget in mind.

– Low E coated double glazing provides **thermal comfort** and allows you to have bigger windows – for more natural light.

#### Big product benefits:

- ✓ Home comfort with better insulation
- ✓ Allows you to have bigger windows for more natural light
- ✓ Tinted options for glare reduction
- ✓ A great option for those wanting double glazing on budget

### LightBridge™ DOUBLE GLAZING



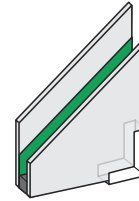
**Does the best job** in supporting your home's comfort and natural light!

– Low E coated double glazing allows you to have bigger windows – for **more natural light** without the overwhelming feeling of heat or cold in the home.

#### Big product benefits:

- ✓ Home comfort with the best insulation
- ✓ Thermal spacer for added insulation and may reduce condensation
- ✓ More natural light with bigger windows
- ✓ Tinted options for glare reduction
- ✓ Privacy options

### LightBridge<sup>next</sup>™ DOUBLE GLAZING



**Does a superior job** in supporting your home's thermal comfort, acoustic comfort and natural light

– Low E coated double glazing with thermal spacer and specially formulated acoustic interlayer which allows you to have **bigger windows – for more acoustic comfort and natural light** without the overwhelming feeling of heat or cold in the home.

#### Big product benefits:

- ✓ Ultimate home comfort with the best insulation
- ✓ Thermal spacer for added insulation and may reduce condensation
- ✓ More natural light with bigger windows
- ✓ Reduces noise with specially formulated acoustic technology included
- ✓ Tinted options for glare reduction
- ✓ Privacy options

# How do I know how glass is performing?

## Glass performance can be measured!

These performance values allow us to understand the impact of the windows on the homes' overall energy efficiency. Performance values are measured on the whole window and not only the glass. Understanding what these values mean and how the measures work are important to ensuring that the glass that is specified is going to suit the needs of the home.

✓ **These measures have an impact on the overall thermal efficiency of a home.**

# Can I use different types of glass in different parts of the home?

Yes! If budget is tight, or some areas of the home are prone to catching the brunt of the sun in summer (and none in winter) **your glass selection in different orientations of the home can work with you!** At Viridian, we feel every home is unique and the glass used should be designed to fit.

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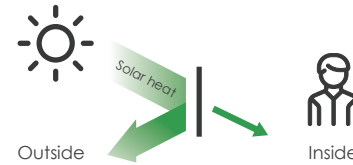
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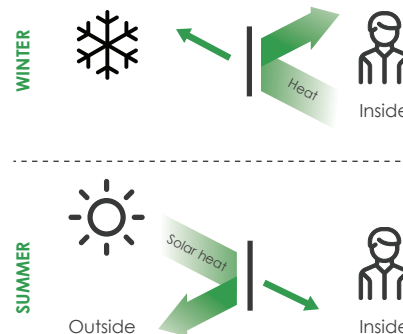
## EASY TO UNDERSTAND PERFORMANCE MEASURES:

### 1. SHGC (Solar Heat Gain Coefficient)



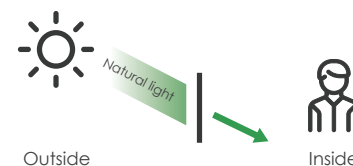
SHGC measures how much solar heat passes through the glass, the lower the SHGC the better the glass is at keeping unwanted heat out – keeping you cooler in summer!

### 2. U-Value



The U-Value explains the insulation level of your glass. The lower the U-Value, the better the glass is at keeping your home a comfortable temperature all year round.

### 3. VLT (Visible Light Transmission)



The VLT value shows how much light the glass is allowing into your space. The higher the VLT, the more natural light is being transmitted through the windows.

**The 3 big indicators of glass performance!**