



## PRODUCT

# VistaTech™

Ultimate performance triple glazing – for optimal thermal performance & light transmission

**For the ultimate glass experience, VistaTech™ is the latest trend of glass technology in Australia, designed to provide optimal thermal performance and natural acoustics compared to standard glazing.**

With increased demand for better insulated products and the rise of sustainable building measures, **VistaTech™** triple glazed units provide unwavering performance benefits that align with the passive house movement and 7 Star building standards in Australia.

### Increased Comfort

The three-pane technology is five times more efficient than double glazed units, providing the most thermally efficient residential window and door systems currently available in Australia.

### Natural Acoustics

Triple glazed makeups provide an acoustic solution without the use of interlayers, creating a natural sound barrier that not only maintains comfort levels felt within but keeps unwanted noise out.

### Safety and Protection

**VistaTech™** triple glazing has an added layer of

protection to assist in the prevention of unwanted intruder entry, ensuring your home is secure.

## Considerations

- Suitability of glazing compounds, sealants and gaskets need to be approved by Viridian
- The Viridian Warranty relies on frame design in accordance with AS2047
- Perimeter seals must be concealed inside glazing rebates and not exposed to radiant ultra violet light or extended exposure to natural sunlight
- Do not store units externally or expose to prolonged moisture prior to installation into window frames
- Do not expose VistaTech™ edges to standing water and moisture as this can result in seal failure
- The frames must incorporate impervious weather seals or an efficient self-draining system
- Wind load and safety determine the type and thickness of glass required, refer AS1288 or AS1170.1
- When transporting and/or installing at altitudes of 800m and above, special air pressure equalisation requirements may apply and must be brought to the attention of Viridian

## Features and Benefits

- Superior insulation with the inclusion of a soft coat Low E coating
- Allows you to better manage window to wall ratio to balance thermal and daylight requirements
- A range of toned options available to meet aesthetic requirements
- Can be customised to support design or additional acoustic requirements
- Very high performance available in clear options
- Processed in Australia
- 10 year Warranty from date of manufacture

## Applications

- Residential windows and doors\*  
\*Specifically suited to thermally broken aluminium, uPVC and timber systems
- Façade
- Office buildings
- Health

## ✓ Performance Comparison

Product Name	Outside Glass	Centre Glass	Inside Glass	Nominal Thickness (mm)	VLT	U Value	SHGC
<b>VistaTech™ Ultimate Performance</b>							
VistaTech™ Clear	VFloat™ Clear	LightBridge™	VFloat™ Clear	4+12Ar+4+12Ar+4	73	1.07	0.53
VistaTech™ Green	VFloat™ Green	LightBridge™	VFloat™ Clear	5+12Ar+4+12Ar+4	64	1.07	0.37
VistaTech™ Grey	VFloat™ Grey	LightBridge™	VFloat™ Clear	5+12Ar+4+12Ar+4	38	1.07	0.32
VistaTech™ Light Grey	VFloat™ Light Grey	LightBridge™	VFloat™ Clear	5+12Ar+4+12Ar+4	55	1.07	0.40
VistaTech™ PH08	PerformaTech™ PH08	VFloat™ Clear	VFloat™ Clear	6+12Ar+4+12Ar+4	64	1.02	0.30
VistaTech™ PH30	PerformaTech™ PH30	VFloat™ Clear	VFloat™ Clear	6+12Ar+4+12Ar+4	64	1.03	0.27
<b>VistaTech XP™ Xtreme Performance</b>							
VistaTech™ Clear	VFloat™ Clear	LightBridge™	LightBridge™	4+12Ar+4+12Ar+4	72	0.74	0.50
VistaTech™ Green	VFloat™ Green	LightBridge™	LightBridge™	5+12Ar+4+12Ar+4	63	0.74	0.35
VistaTech™ Grey	VFloat™ Grey	LightBridge™	LightBridge™	5+12Ar+4+12Ar+4	38	0.74	0.28
VistaTech™ Light Grey	VFloat™ Light Grey	LightBridge™	LightBridge™	5+12Ar+4+12Ar+4	54	0.74	0.36
VistaTech™ PH08	PerformaTech™ PH08	LightBridge™	VFloat™ Clear	6+12Ar+4+12Ar+4	62	0.71	0.29
VistaTech™ PH30	PerformaTech™ PH30	LightBridge™	VFloat™ Clear	6+12Ar+4+12Ar+4	62	0.71	0.29

VistaTech™ is a trademark of Viridian Glass

## Size Limits

- Minimum Size\*: 600mm x 400mm  
\*Minimum size charge of 1m<sup>2</sup>
- Maximum Size\*\*: 5000mm x 3100mm  
\*\*Subject to component, spacer and weight limitations
- The maximum unit area permissible under AS1288 needs to be considered.

## How to Specify

- **Select glass name**  
VistaTech™ or VistaTech™ XP
- **Annealed tones available** - Clear
- **Toughened tones available** - Clear, Green, Grey, Light Grey
- **Thicknesses available** - 4mm, 5mm, 6mm, 8mm
- **Spacer width available** - 10mm to 20mm
  - Available as Warm Edge Tri Seal Spacer only
  - Spacer types can only be supplied in equal thicknesses per unit
  - Maximum unit width must equal 60mm
- Low E glass types available as toughened only
- Other glass types available upon request
- **Shapes available** - Simple square and rectangular, complex shapes on application
- VistaTech™ can be incorporated with other products from our Energy, Safety and Security ranges for further benefits