ENERGY

VistaTech™

Ultimate performance triple glazing

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.

The VistaTech™ range is exclusively available through Viridian and includes VistaTech™ Ultimate Performance and VistaTech XP™ Xtreme Performance.

Features and Benefits
- Aligns with passive energy management and 7 Star energy regulations.
- Superior insulation with soft coat Low E included.
- Better window to wall ratio management, balancing thermal and daylight requirements.
- A range of toned options available.
- Can be customised to support design or additional acoustic solutions.
- Supplied with a warm edge spacer.
- VistaTech™ can incorporate Grade A safety glass.

Considerations

Installation

- Suitability of glazing compounds, sealants and gaskets need to be approved by Viridian.
- Perimeter seals must be concealed inside glazing rebates and not exposed to ultraviolet (UV) light or extended exposure to natural sunlight.
- Units must not be stored externally or exposed to prolonged moisture prior to installation as this can result in seal
- 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.
- Ensure coating surfaces are identified and oriented for optimal performance.

Standards

- Wind load and safety determine the type and thickness of glass required, refer to AS 1288 or AS 1170.1.

Warranty

The Viridian Warranty relies on frame design in accordance with AS 2047.

Sectors

- Residential
- Commercial

Applications

- Windows
- Doors
- Facades

How to Specify

- **Select glass processor**
  Viridian Glass
- **Select glass name**
  VistaTech™
- **Select tone & thickness**
  Custom sizes available, consult Viridian.
- **Select processes**
  Insulated glazed unit.
- **Select spacer**
  - Warm Edge

Performance Data

Product Name	Outside Glass	Centre Glass	Inside Glass	Nominal Thickness (mm)	VLT (%)	U Value	SHGC	Selectivity
Standard								
VistaTech™ Clear	VFloat™ Clear	VFloat™ Clear	VFloat™ Clear	4+12+4+12+4	75	1.65	0.70	1.07
VistaTech™ Ultimate Performance Range								
VistaTech™ Clear	VFloat™ Clear	LightBridge™	VFloat™ Clear	4+12+4+12+4	73	1.10	0.53	1.38
VistaTech™ Green	VFloat™ Green	LightBridge™	VFloat™ Clear	5+12+4+12+4	64	1.10	0.37	1.68
VistaTech™ Grey	VFloat™ Grey	LightBridge™	VFloat™ Clear	5+12+4+12+4	38	1.10	0.32	1.17
VistaTech™ Light Grey	VFloat™ Light Grey	LightBridge™	VFloat™ Clear	5+12+4+12+4	55	1.10	0.40	1.34
VistaTech™ PH08 Clear	PerformaTech™ PH08	VFloat™ Clear	VFloat™ Clear	6+12+4+12+4	64	1.00	0.30	2.10
VistaTech™ PH30 Clear	PerformaTech™ PH30	VFloat™ Clear	VFloat™ Clear	6+12+4+12+4	64	1.00	0.27	2.36
VistaTech™ Xtreme Performance Range								
VistaTech™ XP Clear	VFloat™ Clear	LightBridge™	LightBridge™	4+12+4+12+4	72	0.70	0.50	1.42
VistaTech™ XP Green	VFloat™ Green	LightBridge™	LightBridge™	5+12+4+12+4	63	0.70	0.35	1.76
VistaTech™ XP Grey	VFloat™ Grey	LightBridge™	LightBridge™	5+12+4+12+4	38	0.70	0.28	1.28
VistaTech™ XP Light Grey	VFloat™ Light Grey	LightBridge™	LightBridge™	5+12+4+12+4	54	0.70	0.36	1.43
VistaTech™ XP PH08 Clear	PerformaTech™ PH08	LightBridge™	VFloat™ Clear	6+12+4+12+4	62	0.70	0.29	2.12
VistaTech™ XP PH30 Clear	PerformaTech™ PH30	LightBridge™	VFloat™ Clear	6+12+4+12+4	62	0.70	0.26	2.38

Note: All performance data is determined using LBL window 7 software. NFRC 100 - 2010 conditions have been used. Glass surfaces are counted from the exterior to the interior of the building. Refer to Viridian Performance Data for more values.

VistaTech™ is a trademark of Viridian Glass Pty Ltd.