



ESSENTIAL

VFloat™ SuperClear

Low iron glass

VFloat™ SuperClear low iron float glass is a specialist ultra clear glass offering the highest possible levels of light transmission and visual clarity.

VFloat™ SuperClear has distinctive clarity that is achieved by using sand with much lower iron oxide content in the batch mix when the float glass is manufactured.

VFloat™ SuperClear can be used to stunning effect in balustrade systems, frameless shower screens and furniture where a processed glass edge is exposed, and clarity of vision is desired.

VFloat™ SuperClear is also the preferred glass option for paint and print applications such as PixaGraphic™ and Seraphic™ for a true representation of colour.

Available in laminated, toughened and toughened laminated form.

Features and Benefits

- Outstanding clarity and brilliance of appearance.
- True representation of light and neutral colours when painted.
- Distortion free when laminated due to the high levels of light transmission.
- When toughened, VFloat™ SuperClear is Grade A safety glass.





Considerations

Design Considerations

- VFloat™ SuperClear is optically clearer than standard float glass due to its low iron content.
- Due to its increased clarity, it will also allow greater levels of solar heat through the glass.

Sectors

- Residential
- Commercial

Applications

- Windows
- Doors
- Shower Screens
- Balustrades
- Furniture
- Partitions
- Splashbacks
- Shopfronts and Display Cases
- Shelving

For design applications that require clear image or colour such as Seraphic™, Seraphic™ Design and PixaGraphic™.

How to Specify

- **Select glass processor**
Viridian Glass
- **Select glass name**
VFloat™ SuperClear
- **Select tone & thickness**
See chart below.
- **Select processes**
Toughened, laminated and toughened laminated.

Standard Stock Sizes

Product Name	Thickness	Stock Size
VFloat™ SuperClear	4mm	5100mm x 3300mm
	6mm	
	10mm	
	12mm	
	15mm	
	19mm	

Note: Subject to further processing requirements. Standard stock sizes do not reflect actual available stock, please consult Viridian.

Performance Data

Product Name	Nominal Thickness (mm)	VLT (%)	U Value	SHGC	Selectivity
VFloat™ SuperClear	4	91	5.90	0.90	1.01
VFloat™ SuperClear	6	91	5.80	0.89	1.02
VFloat™ SuperClear	8	90	5.70	0.88	1.02
VFloat™ SuperClear	10	90	5.70	0.88	1.02
VFloat™ SuperClear	12	90	5.60	0.88	1.02
VFloat™ SuperClear	15	90	5.50	0.86	1.05
VFloat™ SuperClear	19	90	5.40	0.85	1.06

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.

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