

Optiview™

OptiView™ is designed for applications where transparency is required in combination with an extremely low reflective appearance. Optiview™ is a Grade A laminated Safety glass.

Features



Clarity of Views

OptiView™ reduces glass reflection to less than 2% compared with 7% for standard float glass when viewed from both the inside and outside. This unique glass is designed for applications where transparency is required in combination with an extremely low reflective appearance.



Stay Comfortable

Improved thermal insulation over standard glass, very high daylight transmission and over 99% UV elimination to reduce fading.



Noise Control

OptiView™ can offer an improved level of noise reduction compared to ordinary glass, keeping your space nice and quiet.

Product Range

Clear

Available Thickness (mm) 3, 6, 6.38, 12.38

Maximum Sheet Size (mm) 3302x2438

Applications

External

Windows, Doors

Internal

Doors, Partitions, Shop Fronts, Frameless Glazing

Technical Data

Performance

Single Glazing

Product Name	Nominal Thickness	Visible			Solar		UV Trans	U-Value	SHGC	Shading Co.	Weight m ²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.					
OptiView™	6.38	92	1.7	1.7	70	3	<1	4.6	0.77	0.89	15.4
OptiView™	12.38	90	1.6	1.6	63	3	<1	4.4	0.72	0.83	30.4

IGU (Glass Only)

Product Name	Nominal Thickness	Visible			Solar		UV Trans	U-Value		SHGC	Shading Co.	Weight m ²
		Trans.	Refl. Out	Refl. In	Trans.	Refl.		Air	Argon			
Optiview™ Clear (#1&2) + QFloat™ Clear	6.38+12+6	82	9	10	58	7	<1	2.3	2.1	0.68	0.78	30.4
Optiview™ Clear (#1&2) + QFloat™ Clear	12.38+12+6	79	8	10	51	6	<1	2.3	2.1	0.62	0.71	45.4
Optiview™ Clear (#1&2) + Optiview™ Clear (#3&4)	6.38+12+6.38	86	3	3	57	4	<1	1.9	1.7	0.69	0.8	30.8
Optiview™ Clear (#1) + EnergyTech™ Clear (#3)	6.38+12+6	76	12	12	51	9	<1	1.8	1.6	0.65	0.75	30.4
Optiview™ Clear (#1) + EnergyTech™ Clear (#3)	12.38+12+6	73	11	12	45	7	<1	1.8	1.5	0.58	0.68	45.4

Considerations

Installation

Exposed edges to be protected from moisture ingress. Coatings are glazed to the outside (#1) and inside of (4#) of the building.

Application

Care should be taken in specifying for applications where the presence of glass such as Optiview may not be sufficiently obvious.

How to Specify

Glass Thicknesses and colours available:

Clear 6.38 & 12.38 mm

Select from: Laminated

The glass shall comply with the following performance criteria:

U value, Solar Heat Gain Coefficient (SHGC), Visible Light Transmission %, Glass Only Values, Total window

All glass is to be selected and installed in accordance but not exclusively with the following Australian and/or New Zealand Standards

AS 1288 Glass in Buildings Selection and Installation,

AS 1170 Minimum Wind Loads on Structures,

AS/NZ 2208 Safety Glazing Materials in Buildings,

AS/NZ 4666 Insulating Glass Units,

AS/NZ 4667 Quality Requirements for cut-to-size and Processed Glass