

 **Float**

Glass with a  
tradition of clarity  
& durability

® Float CLEAR AND TINTED GLASS

Defining  
Spaces.

#### FEATURES

- Clarity
- Low surface distortion
- Maximum daylight transmission with clear glass
- Effective solar control with tinted glass



**G.JAMES**

G.James' clear and tinted float glass is a durable glazing material that can be utilised in wide a range of applications.

### ADVANTAGES

- Large sheet size 5100 mm x 3210 mm
- Range of thicknesses
- Clear Glass from 3 to 25 mm
- Tinted Glass from 4 to 12 mm
- Base for all other G.James processed glass products.

### APPLICATIONS

- General glazing
- Windows
- Furniture

### HOW TO SPECIFY

- **Select**  
GJ Float
- **Product configuration**  
Glass colour / type  
Thickness

#### Disclaimer

- Stock is subject to availability.
- Clear float sizes greater than 5100mm x 3210mm may be available.
- Not all tinted float glass is available in every thicknesses or sheet sizes.



Quality  
ISO 9001



While Clear Float Glass is highly transparent, Tinted Float Glass contains metal oxides that adds a colour to the glass. The addition of these oxides improves its solar performance and reduces glare.

These oxides are chemically stable and will not fade with long term exposure to the sun. The colour darkens as the thickness of the glass increases.

### CLEAR FLOAT GLASS

PRODUCT	PERFORMANCE CHARACTERISTICS							
	Visible Properties (%)			Solar Properties (%)		Solar Heat Gain Coeff.	U-Value (W/m <sup>2</sup> K)	Shading Coeff.
	Trans.	Ext. Refl.	Int. Refl.	Direct Trans.	Ext. Refl.			
3 mm Clear	89	9	8	83	8	0.86	5.9	0.98
4 mm Clear	89	8	8	82	8	0.85	5.9	0.98
5 mm Clear	89	8	8	79	7	0.83	5.8	0.95
6 mm Clear	88	8	8	78	7	0.82	5.8	0.95
8 mm Clear	86	8	8	71	7	0.78	5.7	0.89
10 mm Clear	85	8	8	67	7	0.75	5.7	0.86
12 mm Clear	84	8	8	64	7	0.73	5.6	0.84

### TINTED FLOAT GLASS

PRODUCT	PERFORMANCE CHARACTERISTICS							
	Visible Properties (%)			Solar Properties (%)		Solar Heat Gain Coeff.	U-Value (W/m <sup>2</sup> K)	Shading Coeff.
	Trans.	Ext. Refl.	Int. Refl.	Direct Trans.	Ext. Refl.			
4 mm Grey	56	6	6	55	6	0.67	5.9	0.77
5 mm Grey	47	6	5	47	6	0.62	5.8	0.71
6 mm Grey	42	5	5	42	5	0.58	5.8	0.67
5 mm Green	77	8	7	48	6	0.62	5.8	0.72
6 mm Green	75	7	7	44	6	0.59	5.8	0.68
6 mm Bronze	50	5	5	51	5	0.64	5.8	0.74
5 mm Panasap Dark Blue	61	6	6	48	5	0.62	5.8	0.72
6 mm Panasap Dark Blue	58	6	6	43	5	0.59	5.8	0.68
5 mm Panasap Dark Grey	22	4	4	39	5	0.57	5.8	0.65
6 mm Panasap Dark Grey	15	4	4	34	5	0.53	5.8	0.61
6 mm Supergrey	9	4	4	8	4	0.36	5.8	0.41
5 mm Supergreen	70	7	7	38	5	0.56	5.8	0.64
6 mm Supergreen	67	6	6	34	5	0.53	5.8	0.61
6 mm SuperBlue	53	6	6	33	5	0.52	5.8	0.60
6 mm Azuria	68	7	7	32	5	0.52	5.8	0.59

These figures are based on NFRC methodology using LBNL Window 6.3 software.

This performance data is centre of glass only and therefore cannot be used for BCA Section J calculations.

To the best of our knowledge, the data presented in this table is accurate and true.

However, the G.James Group of Companies disclaim any liability for loss or damage arising from the use of such data.

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