

SpectraLite

Inspire using colour
and light

© SpectraLite COLOURED LAMINATED GLASS

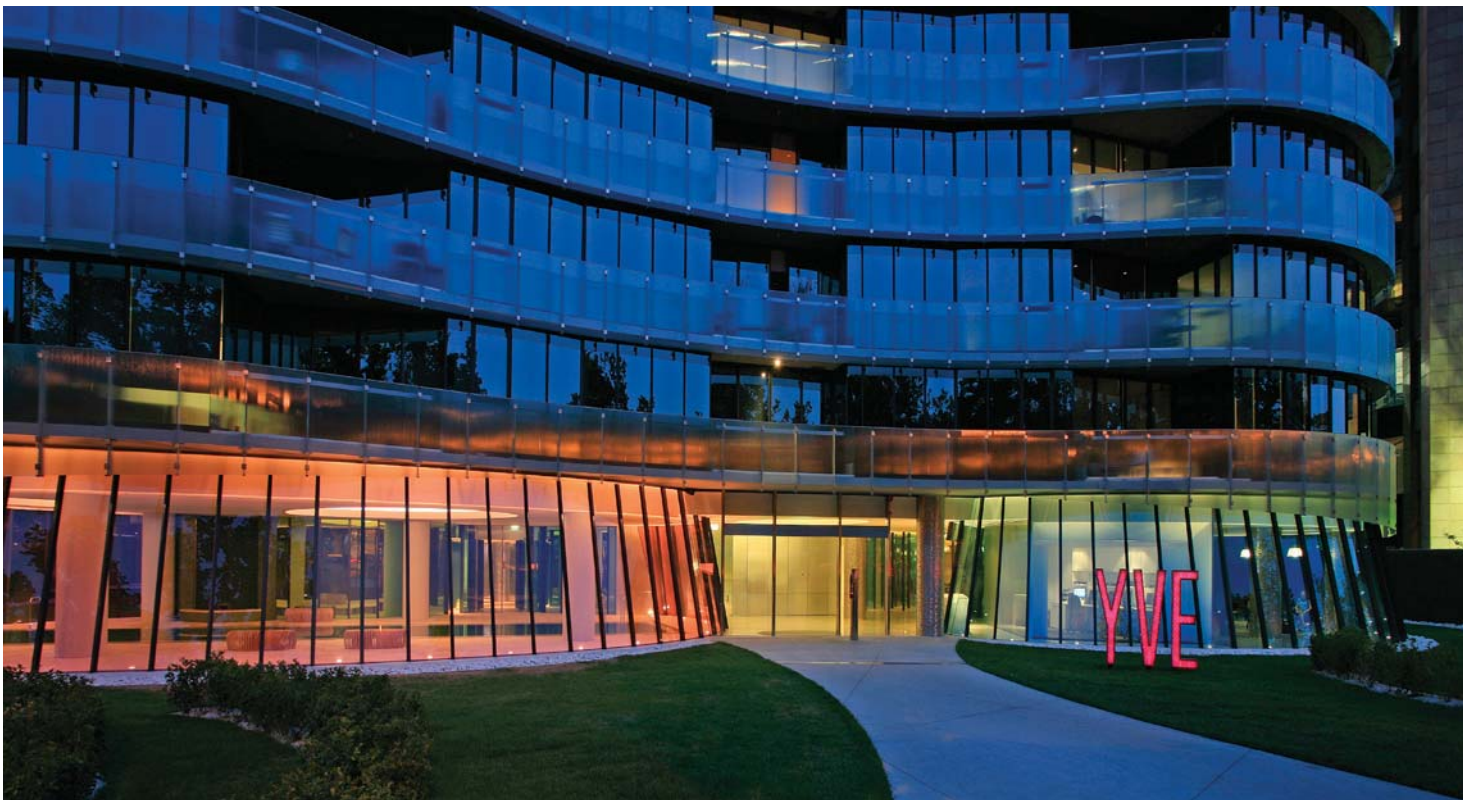
Defining
Spaces.



G.JAMES

FEATURES

- Vast range of colours
- Colour uniformity
- Create bold effects
- Complements modern design trends



GJ SpectraLite

The ultimate creative freedom for expressive design from subtle hues to the most dramatic.

GJ SpectraLite is a coloured laminated glass system which provides architects and designers a choice from over 3000 transparent, translucent or opaque colour options.

This system is based on a palette of 16 colours that can be used on their own or in combinations of up to four layers to produce a custom coloured laminate.

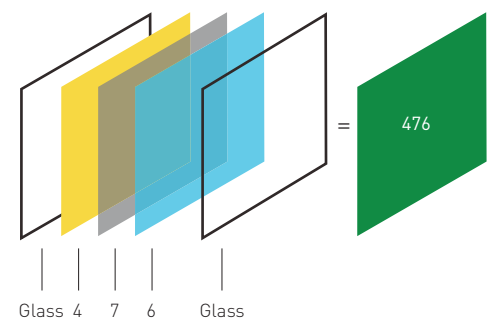
The coloured Polyvinyl Butryal (PVB) interlayer used in GJ SpectraLite is made with pigments instead of dyes to produce colours that resist fading from light or heat.

This interlayer is bonded between two or more sheets of glass and sealed together under heat and pressure. This provides a low maintenance, easy clean surface.

As well as a stunning array of colours GJ SpectraLite offers all the benefits of laminated glass:

- Safety – protects occupants from accidental impact (Grade A safety glass)
- Security – provides burglary and forced entry resistance
- UV control – filters more than 99% of harmful UV rays
- Acoustic – sound dampening properties reduce noise

SpectraLite colour make-up



TRANSPARENT (BASE) COLOURS

The system utilises 8 base PVB interlayer colours in two tones of red, yellow, blue and grey. These interlayers can be used singularly or in combinations of up to four layers to produce more than 2000 transparent colour options.

8 base colours



Coral Rose (1)



Aquamarine (2)



Smoke Grey (3)



Sahara Sun (4)



Ruby Red (5)



Sapphire (6)



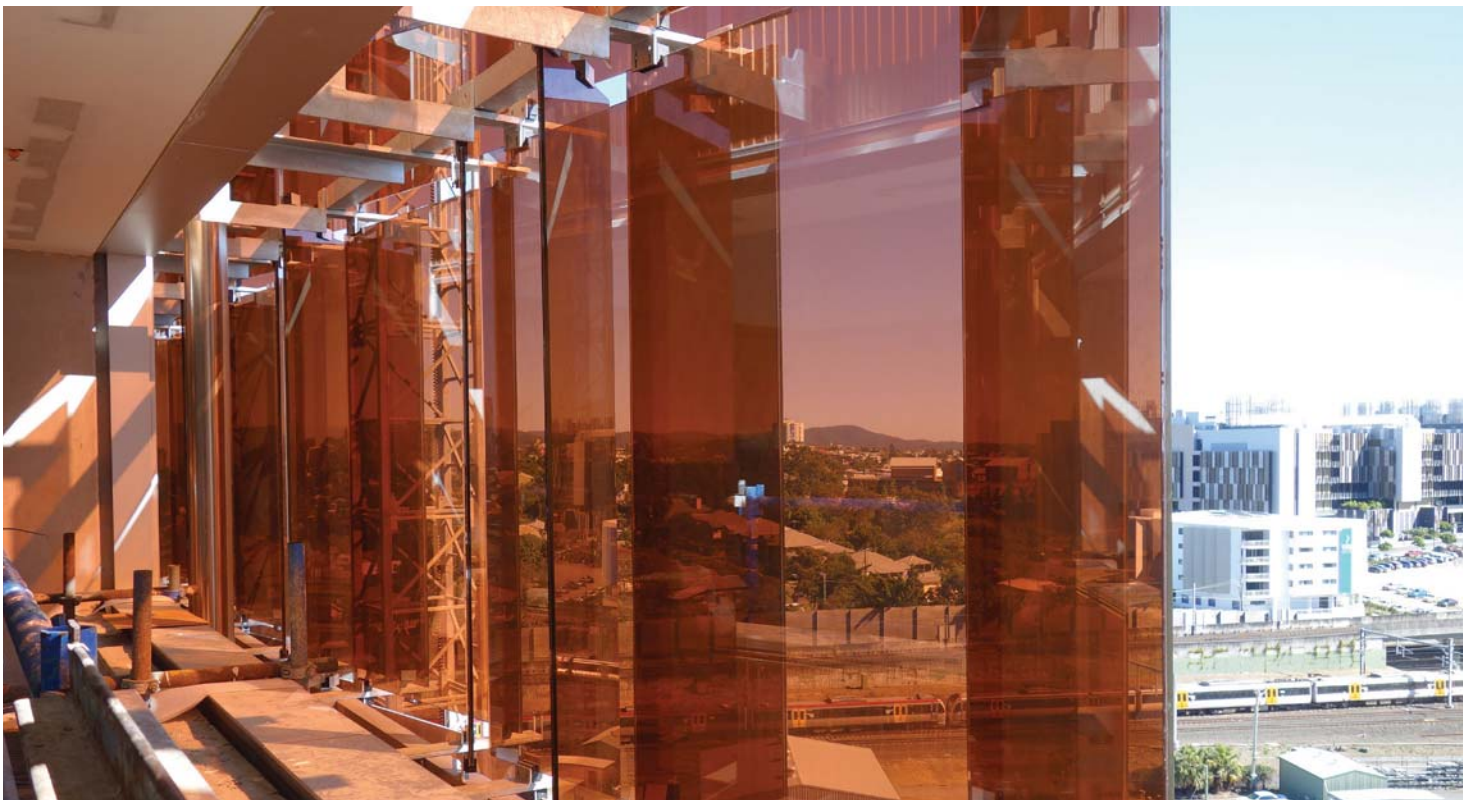
Evening Shadow (7)



Golden Light (8)

TRANSLUCENT COLOURS

If a frosted look is required for privacy or design reasons, a translucent interlayer can be added to the make-up. Choose from either the lighter translucent Cool White (A) with 81% light transmittance, or the heavier 68% Arctic Snow (9).



OPAQUE COLOURS

GJ SpectraLite can be supplied in two solid colours, Polar White (F) and Absolute Black (G). These PVB interlayers can be combined with any other colour selection, creating the same or different look on each side of the glass.



SPECIALITY COLOURS

Using very concentrated coloured pigments, four speciality colours in vibrant hues are available in a single 0.38mm PVB interlayer. Deep Red (C), True Blue (D), Tangerine (E) and Ocean Grey (H).

GJ SpectraLite can also be supplied in colours that match many of the Pantone and RAL standard colour palette systems.

Please be aware that colours may look different when illuminated by different light sources, such as daylight, incandescent or fluorescent light. Therefore we recommend samples be viewed under the installed lighting conditions.



GJ SpectraLite coloured laminated glass provides unparalleled creative freedom.



ADVANTAGES

- Fade resistant colour
- Grade A safety glass
- Interior and exterior applications
- Durable
- UV protection
- Low maintenance
- Increased security

APPLICATIONS

- Façades
- Atriums
- Balustrades
- Overhead glazing
- Partitions
- Feature panels

HOW TO SPECIFY

- **Select glass name**
GJ SpectraLite
- **Select thickness**
Laminated 6.38 - 13.52mm
- **Select process**
Annealed
Heat strengthened
Toughened
(dependent on number of interlayers, contact G.James for assistance)

SPECTRALITE COLOUR GLAZING

Product	Colour Code	PERFORMANCE CHARACTERISTICS							
		Visible Properties (%)			Solar Properties (%)		Solar Heat Gain Coeff.	U-Value (W/m²K)	Shading Coeff.
		Trans	Ext. Refl.	Int Refl.	Direct Trans	Ext. Refl.			
Coral Rose	0001	76	7	7	70	7	0.77	5.7	0.89
Aquamarine	0002	77	7	7	69	7	0.76	5.7	0.87
Smoke Grey	0003	78	7	7	67	7	0.75	5.7	0.86
Sahara Sun	0004	78	8	9	63	7	0.72	5.7	0.83
Ruby Red	0005	48	6	6	62	6	0.72	5.7	0.83
Sapphire	0006	52	6	6	55	6	0.67	5.7	0.77
Evening Shadow	0007	49	5	6	48	5	0.62	5.7	0.72
Golden Light	0008	85	8	8	68	7	0.76	5.7	0.87
Arctic Snow	0009	68	7	7	60	7	0.70	5.7	0.81
Cool White	A	81	8	8	67	7	0.75	5.7	0.86
Deep Red	C	15	5	5	38	6	0.55	5.7	0.64
True Blue	D	12	5	5	42	7	0.58	5.7	0.66
Tangerine	E	41	8	8	54	8	0.66	5.7	0.75
Ocean Grey	H	60	7	7	60	7	0.70	5.7	0.80
Polar White *	F	7	61	63	8	48	0.22	5.7	0.25

These figures are based on NFRC methodology using LBNL Window 6.3 software. Calculations based on 6.38mm Laminated Glass. 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.

* Estimate only

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