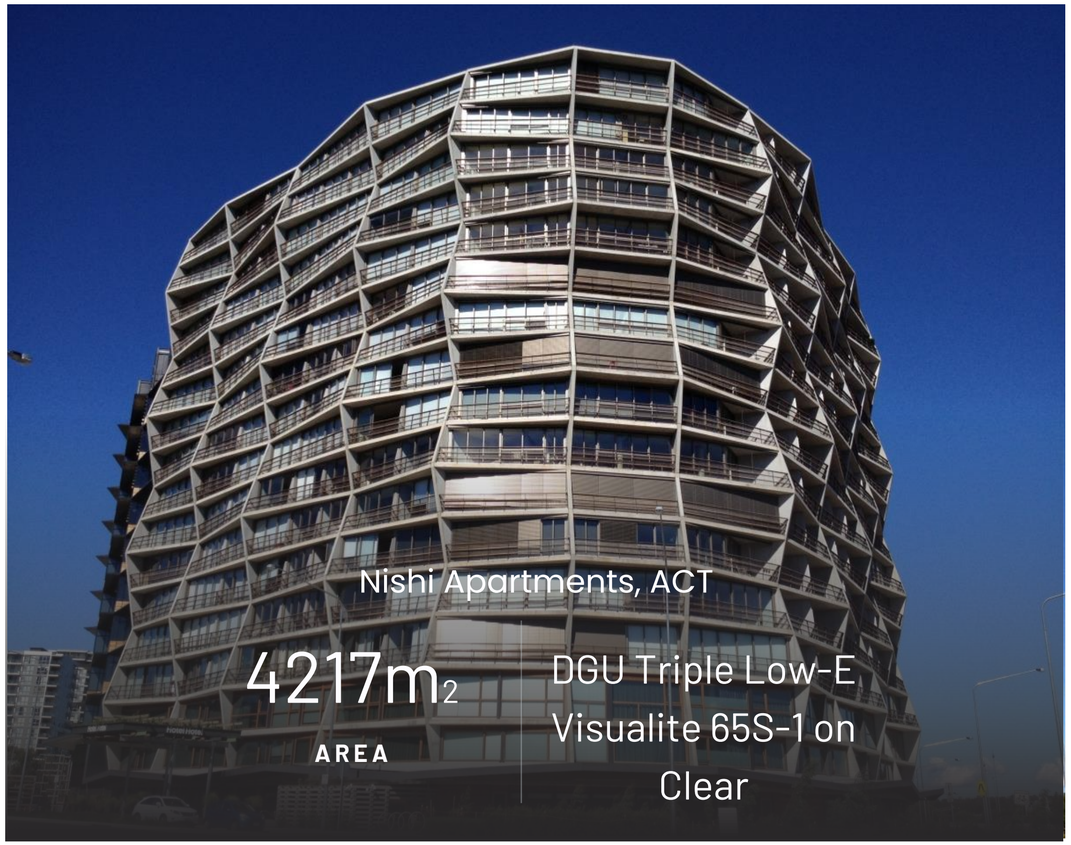


Insulating Glass

Insulating glass comprises of two or more piles of glass that are separated with aluminum spacer fully filled with desiccant, and sides sealed with high strength sealant. This allows Insulating Glass units to increase thermal performance by reducing heat gain or loss.

We offer four types of IGUs:

- Super Bendable Series
- Double Low-E
- Triple Low-E
- UniQ Shade Low-E

Super Bendable Low-E

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Super S1-1 on Clear	79	13	13	49	19	1.5	1.46	0.64	0.55
Super S3-1 on Clear	51	20	11	31	22	1.55	1.53	0.43	0.37
Super S7-1 on Clear	58	18	11	37	20	1.54	1.51	0.5	0.43
Super S8-1 on Clear	46	15	13	29	22	1.45	1.39	0.4	0.34
Super D1-1 on Clear	71	11	12	36	28	1.39	1.3	0.47	0.41
Super D2-1 on Clear	64	11	13	32	27	1.39	1.3	0.42	0.36
Super D3-1 on Clear	57	17	22	28	25	1.38	1.28	0.38	0.33
Super D4-1 on Clear	53	17	14	24	33	1.39	1.3	0.33	0.28
Super D5-1 on Clear	47	7	15	22	17	1.37	1.27	0.31	0.27
Super T1-1 on Clear	68	13	15	27	40	1.37	1.27	0.34	0.3
Super T3-1 on Clear	54	12	16	20	36	1.38	1.28	0.27	0.24
Super T4-1 on Clear	48	10	15	19	28	1.37	1.27	0.26	0.23

Disclaimer: All pictures of glass samples are for reference only. Glass colour may vary subject to different lighting conditions.

Double Low-E

Visualite 78-1

Visualite 67-1

Cool SHade 57-1

Cool SHade 52-1

Plati SHade 39-1

Aqua SHade 60-1

Cool SHade 30-1

Aqua SHade 60-1

Visualite 78-1 on Clear (Neutral)

Glass Sample

Projects

International Convention Centre Sydney NSW

Darling Harbour Live Theatre Sydney NSW

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Visualite 78-1 on Clear	68	10	12	34	33	1.38	1.29	0.44	0.38

Visualite 78-4 on Grey Bronze (Dark Bronze)

Projects

The Lanes Stage 1 & 2

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Visualite 78-4 on Grey Bronze	32	5	10	17	13	1.66	1.61	0.27	0.24

Visualite 67-1 on Clear (Neutral)

Glass Sample

Projects

Macquarie University E7A Building NSW

Hearing Hub Macquarie NSW

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Visualite 67-1 on Clear	63	13	13	31	36	1.36	1.26	0.4	0.35

Cool SHade 57-1 on Clear (Light Grey)

Glass Sample

Projects

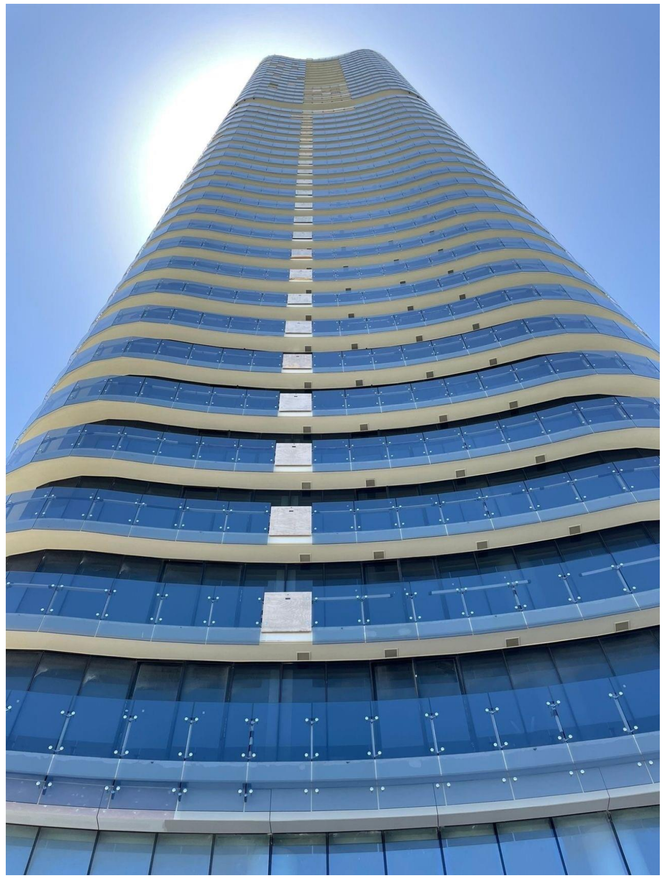
Matt Moran Institute, Vaucluse

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Cool SHade 57-1 on Clear	53	15	12	25	35	1.37	1.27	0.34	0.29

Cool SHade 57-3 on Euro Grey (Grey)



272 Hedges Ave Broadbeach

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Air spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Cool SHade 57-3 on Euro Grey	27	7	10	14	14	1.65	1.59	0.23	0.2

Cool Shade 42-1 on Clear (Grey)

Glass Sample

Projects

36 Bay St Double Bay NSW

West Village Greenhouse

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

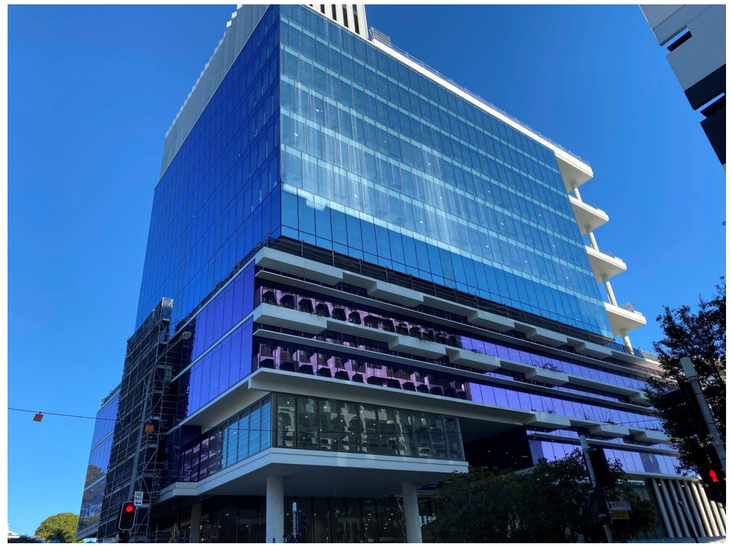
DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
6Cool SHade 42-1 on Clear	43	13	11	21	35	1.38	1.29	0.28	0.24

Plati Shade 39-1 on Clear (Silver Grey)

Glass Sample

Projects

UTS Chau Chak Wing, Sydney NSW



MOBO (on Low Iron)

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Plati SHade 39-1 on Clear	41	20	16	19	39	1.36	1.27	0.26	0.22

Aqua Shade 60 on Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Aqua SHade 60 on Clear+12A+6C	59	16	14	27	40	1.65	1.59	0.36	0.31

Cool Shade 30 on Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Cool SHade 30 on Clear+12A+6C	31	19	12	15	36	1.67	1.62	0.23	0.20

Disclaimer: All pictures of glass samples are for reference only. Glass colour may vary subject to different lighting conditions.

Triple Low-E

Super SHade 52S

Visualite 65S

Visualite 70S

Disclaimer: All pictures of glass samples are for reference only. Glass colour may vary subject to different lighting conditions.

Visualite 70S-1 on Clear (Neutral Green)

Glass Sample

Projects

University of Wollongong Western Block

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Visualite 70S-1 ON CLEAR	64	11	14	26	39	1.32	1.21	0.33	0.29

Jubilee Place (Visualite 70S-0 on Low Iron)

Visualite 65S-1 on Clear (Neutral Green)

Glass Sample

Projects

275 George St Sydney NSW

Performance Data

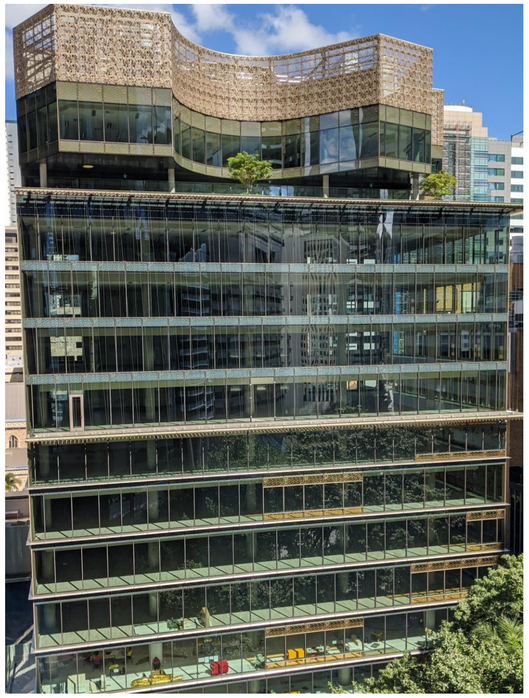
Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Visualite 65S-1 ON CLEAR+12A+6C	61	11	12	25	41	1.34	1.23	0.32	0.28

Super SHade 52S-1 on Clear+12A+6C (Neutral Grey)

Glass Sample

Projects



12 Creek St Brisbane QLD

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Super SHade 52S-1 on Clear	49	16	12	21	42	1.34	1.23	0.27	0.23

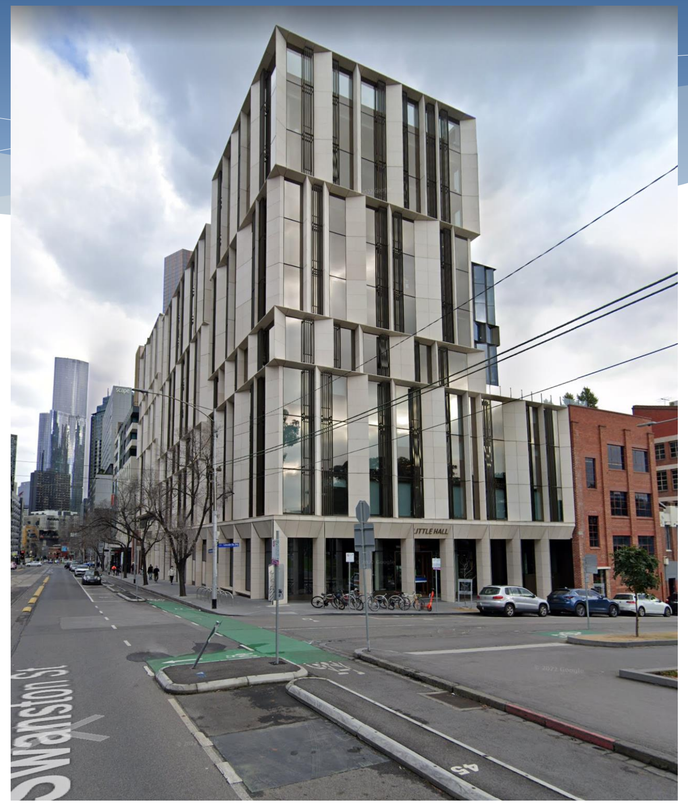
UniQ Shade Low-E

Champagne 46-1 on Clear (Champagne)

Glass Sample

Projects

Jackson House Toorak



Lincoln Square Melbourne

Performance Data

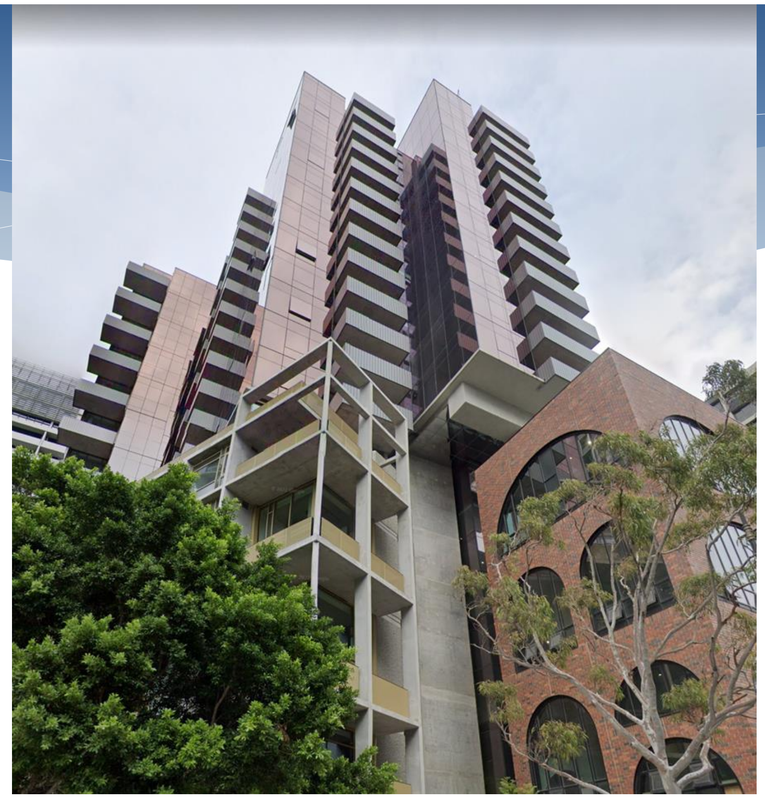
Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Champagne 46-1 on Clear	41	20	18	22	29	1.47	1.41	0.31	0.27

Champagne 40-1 on Clear (Bronze)

Glass Sample

Loreto Kirribilli



Escala Apartments

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Champagne 40-1 ON CLEAR	37	10	13	18	30	1.42	1.34	0.26	0.23

Aqua SHade 44-1 on Clear (Blue)

Project

HOTA Gold Coast

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Aqua SHade 44-1 ON CLEAR	42	19	12	19	39	1.41	1.34	0.26	0.22

Sky Blue 35-1 on Clear (Blue)

Project

HOTA Gold Coast

Performance Data

Makeup: 6mm Substrate(Low-E#2)+12mm Argon spacer+6mm Clear

DESCRIPTION OF SAMPLE	Visible Light(%)			Solar Energy(%)		U-Value(w/m2.℃)		Shading Coefficient	SHGC
	Transmission	Reflectance		Transmission	Reflectance	Winter Night	Summer Daylight		
		Outdoor	Indoor		Out				
Sky Blue 35-1 ON CLEAR	29	16	17	14	26	1.39	1.3	0.22	0.19