

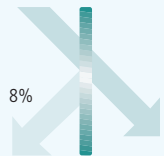
Enhance the view with anti-reflective glass

PLANIBEL CLEARSIGHT

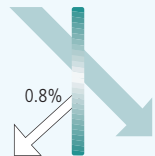
What's so special about it? | What does this mean for you?

- Anti-reflective coating – Significantly lower light reflection: 0.8% (with double-sided anti-reflective coating)
 - Optimal vision and clarity
 - Enhanced contrast for objects in display applications
- Magnetron sputtering technology – Durable coating suitable for both interior and exterior applications
 - Abrasion resistance
 - Environmental durability
- Enhanced light transmission – More light entering the building
 - Better aesthetics

Visible Light Reflection (LR)



Conventional Float Glass: 8%



Planibel Clearsight: 0.8%

Planibel Clearsight

ENHANCE THE VIEW WITH
ANTI-REFLECTIVE GLASS



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GLASS UNLIMITED

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Planibel Clearlight is AGC's exclusive anti-reflective glass. The special anti-reflective coating helps to minimise glare and reduces light reflection to just 0.8% – significantly lower than conventional float glass. When viewed from the outside, the glass appears highly transparent and does not reflect its surroundings. Objects behind the glass are more clearly visible and can be shown off to full effect. This makes Planibel Clearlight the ideal choice for displays, shop windows, museums, stadiums and canopies – or anywhere else superb transparency and minimal reflection are required.

Technical specifications

PLANIBEL CLEARLIGHT

Planibel Clearlight - Single glazing (monolithic)

		Planibel Clearlite	Planibel Clearlight (monolithic)			
Thickness (mm)		4	3	4	6	8*
AR coating position		-	#1 & #2			
Light performance	LT (%)	90	99	99	98	98
	LR (%)	8	0.8	0.8	0.8	0.8
Energy performance	SF (%)	88	84	84	83	83
	EA (%)	5	3	3	4	4
	Sc	1.01	0.97	0.97	0.95	0.95
U _g value		W/m ² K	5.8	5.8	5.7	5.6

Stratobel Clearlight - Laminated

		Stratobel 33.2	Stratobel Clearlight (laminated)		
Thickness (mm)		33.2	33.2*	44.2	66.2
AR coating position		-	#1 & #4		
Light performance	LT (%)	89	98	98	98
	LR (%)	8	0.8	0.8	0.8
Energy performance	SF (%)	81	80	79	79
	EA (%)	16	10	10	11
	Sc	0.93	0.92	0.91	0.91
U _g value		W/m ² K	5.6	5.5	5.4

33.2 refers to 3 mm Planibel Clearlight / 0.76 mm PVB / 3 mm Planibel Clearlight
 44.2 refers to 4 mm Planibel Clearlight / 0.76 mm PVB / 4 mm Planibel Clearlight
 66.2 refers to 6 mm Planibel Clearlight / 0.76 mm PVB / 6 mm Planibel Clearlight
 * Those thicknesses are produced only on request.

Technical specifications

PLANIBEL CLEARLIGHT

Clearlight - Double Glazing

		Normal DGU low-E pos.3	Clearlight DGU with low-E pos.3
Composition		4-16 - Argon 90% - 33.2	4-16 - Argon 90% - 33.2
AR coating position		-	#1 & #2 & #4
Light performance	LT (%)	81	92
	LR (%)	12	2
Energy performance	SF (%)	64	66
	EA (%)	18	13
	Sc	0.74	0.76
U _g value		W/m ² K	1.1

Processing options

Safety	Lamination (PVB or EVA)
Cutting	Straight or circular
Shaping and edge finishing	Edge grinding
	Grinding
	Drilling
	Notches
Insulated glazing units	Double glazing

Planibel Clearlight can be produced with either single or double-sided anti-reflective coating.

Planibel Clearlight is available in standard thicknesses: 3, 4 and 6 mm.

Laminated: 44.2 and 66.2.

Other thicknesses and laminated compositions are available on request.

Dimensions: 2250 x 3210 mm, 2550 x 3210 mm and 6000 x 3210 mm.