

# CLEAR SIGHT

Enhance your view  
with anti-reflective glass

**AGC**



Your Dreams, Our Challenge

## Clearsight: AGC's exclusive anti-reflective glass

The special anti-reflective coating minimises glare and reduces light reflection.

Compared to conventional float glass, Clearsight offers greater clarity and improved vision through the glass with less than 1% light reflection.



## Making glass invisible

**Perfect for shop window and  
digital panels applications**

Clearsight is the perfect glass for shop windows, showcases, museum displays, digital advertising and info panels. Its reflection is highly reduced and faithfully reveals the colour and appearance of items on display.

# Enhance your view with anti-reflective glass

CLEAR SIGHT

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

- Anti-reflective coating**
- Significantly lower light reflection:  $\leq 1\%$  (with double sided anti-reflective coating)
  - Optimal vision and clarity
  - Enhanced contrast for objects in display applications
  - Better view from inside and outside

- Magnetron sputtering technology**
- Durable coating suitable for both interior and exterior applications
  - Abrasion resistance

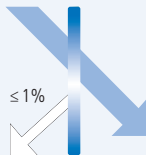
- Higher light transmission**
- More light entering the building
  - Better aesthetics

- One product, two uses**
- Heat-treated or annealed
  - Same energy and light transmission in heat-treated and annealed version
  - Similar aesthetics before and after heat treatment

## Visible Light Reflection (LR)



Conventional Float Glass:  $\leq 8\%$



Clearsight:  $\leq 1\%$

## Dive into the view

In windows, ClearSight delivers superb transparency and higher light transmission, making it the perfect choice when an optimal view is required.

At night, one can benefit from the reduced internal reflection, enjoying the outside view.



# Technical specifications

## Clearsight - Single Glazing (monolithic)

		Clearlite	Clearsight (monolithic)			
Thickness (mm)		4	4	5	6	8
AR coating position		-	#1 & #2			
Light performance	LT (%)	90	99	98	98	98
	LR (%)	8	≤1	≤1	≤1	≤1
Energy performance	SF (%)	88	84	84	83	83
	EA (%)	5	3	3	4	4
	Sc	1.01	0.96	0.96	0.96	0.95
U <sub>g</sub> value	W/m <sup>2</sup> K	5.8	5.8	5.7	5.7	5.6

## Clearsight - Double Glazing

		Normal DGU iplus 1.1 pos.3	Clearsight DGU with iplus 1.1 pos.3
Composition		4-16 - Argon 90% - 44.2	4-16 - Argon 90% - 44.2
AR coating position		-	#1 & #2 & #4
Light performance	LT (%)	80	92
	LR (%)	12	2
Energy performance	SF (%)	64	66
	EA (%)	20	14
	Sc	0.73	0.76
U <sub>g</sub> value	W/m <sup>2</sup> K	1.1	1.1

## Stratobel Clearsight - Laminated

		Stratobel 44.2 <sup>1</sup>	Stratobel Clearsight (laminated)		
Thickness (mm)		44.2 <sup>1</sup>	44.2 <sup>1</sup>	66.2 <sup>2</sup>	88.2 <sup>3</sup>
AR coating position		-	#1 & #4		
Light performance	LT (%)	89	98	98	97
	LR (%)	8	≤1	≤1	≤1
Energy performance	SF (%)	80	79	79	78
	EA (%)	17	10	11	13
	Sc	0.92	0.91	0.90	0.90
U <sub>g</sub> value	W/m <sup>2</sup> K	5.5	5.5	5.4	5.3

<sup>1</sup> 44.2 refers to 4 mm Clearsight / 0.76 mm PVB / 4 mm Clearsight

<sup>2</sup> 66.2 refers to 6 mm Clearsight / 0.76 mm PVB / 6 mm Clearsight

<sup>3</sup> 88.2 refers to 8 mm Clearsight / 0.76 mm PVB / 8 mm Clearsight

## Clearsight - Triple Glazing

		Normal TGU iplus 1.1 pos.2 and 5	Clearsight TGU iplus 1.1 pos.2 and 5
Composition		44.2 - 16 - Argon 90% - 6 - 16 - Argon 90% - 44.2	44.2 - 16 - Argon 90% - 6 - 16 - Argon 90% - 44.2
AR coating position		-	#1 & #3 & #4 & #6
Light performance	LT (%)	71	85
	LR (%)	15	4
Energy performance	SF (%)	47	53
	EA (%)	36	27
	Sc	0.54	0.61
U <sub>g</sub> value	W/m <sup>2</sup> K	0.6	0.6

→ For more details on other glass configurations performances, please refer to AGC glass configurator.

## Processing options

Safety	Lamination (PVB or EVA)
	Can be heat-treated
Cutting	Straight or circular
Shaping and edge finishing	Edge grinding
	Grinding
	Drilling
	Notches
Insulated glazing units	Double and triple glazing

### AVAILABILITY

Clearsight is produced with both single or double sided coating.  
A laminated version is available under the name Stratobel Clearsight.  
Clearsight can also be combined with iplus 1.1 in monolithic and laminated form.

### THICKNESSES

- Clearsight Single-sided and Double-sided are available in thicknesses: 4, 5, 6, 8, 10, 12 mm.
  - Stratobel Clearsight Double-sided is available in 44.2, 44.4, 55.2, 55.4, 66.2, 66.4, 88.2, 88.4.
- For more details on [available thicknesses](#), please refer to AGC product catalogue

### DIMENSIONS

2550 × 3210 mm and 6000 × 3210 mm.  
→ For more details on [available dimensions](#), please refer to AGC product catalogue.

### SHELF LIFE

Clearsight has an unlimited shelf life.



Clearsight is Cradle to Cradle  
Certified® Silver

### AGC FLAT GLASS CZECH A. S., ČLEN AGC GROUP

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