

CLEAR SIGHT

Enhance your view
with anti-reflective glass

AGC

NITZ

THIS IS NOT A WINDOW

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
applications**

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

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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

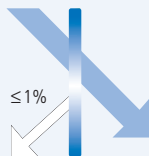
- Higher light transmission**
- More light entering the building
 - Better aesthetics

- 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 _g value	W/m ² 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 _g value	W/m ² K	1.1	1.1

Stratobel Clearsight - Laminated

		Stratobel 44.2 ¹	Stratobel Clearsight (laminated)		
Thickness (mm)		44.2 ¹	44.2 ¹	66.2 ²	88.2 ³
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 _g value	W/m ² K	5.5	5.5	5.4	5.3

1) 44.2 refers to 4 mm Clearsight / 0.76 mm PVB / 4 mm Clearsight

2) 66.2 refers to 6 mm Clearsight / 0.76 mm PVB / 6 mm Clearsight

3) 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 _g value	W/m ² K	0.6	0.6

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 is available in standard thicknesses: 4, 6 and 8 mm.
- Clearsight Double-sided is available in standard thicknesses: 4, 6 and 8 mm.
- Stratobel Clearsight Double-sided in 44.2, 55.2 and 66.2.
- On Request: Clearsight Single-sided with iplus 1.1 in 4 and 6 mm.
Stratobel Clearsight with iplus 1.1 in 44.2, 66.2.

For more details on thicknesses, please refer to AGC product catalogue.

DIMENSIONS

2250 × 3210 mm, 2550 × 3210 mm and 6000 × 3210 mm.

SHELF LIFE

Clearsight has an unlimited shelf life.



Clearsight is Cradle to Cradle
Certified™ Silver

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

Tel.: +420 417 501 111 – E-mail: czech@agc.com – www.agc-yourglass.com
AGC Glass Europe has representatives worldwide – See www.agc-yourglass.com for
further addresses

