

Unparalleled performance in solar and thermal protection

High-performance soft-coated glazing with a double coating of silver, applied in a vacuum. The Stopray range offers an array of different colours and different degrees of protection from the sun and light transmission and reflection. The wide variety of options available in this range makes it the perfect solution in any climate conditions and for any aesthetic effect. Moreover, all Stopray glazing has a minimum U value.

Benefits

- Excellent selectivity (LT to SF ratio = max. 2)
- Can be used in any climate: Stopray offers solar protection in summer and thermal insulation in winter. It is particularly suitable for non-residential buildings with air conditioning as it helps to maintain a pleasant temperature while minimising energy costs
- Finish: wide choice of levels of light transmission and reflection
- Appearance: different colours available – extensive range of neutral colours
- The appearance of Stopray glasses in Clearvision is even more neutral



Váci 33 (Hungary)
Stopray Lime 61T



Mestrino-padova (Italy)
Stopray Vision 50T

STOPRAY & Planibel Low E | Double Glazing : Stopray pos.2 - 12 Air Space + Clear

Type of Glass	Thickness (mm)	VLT (%)	VLR ext (%)	EA (%)	SHGC (%)	SC	U Value (W/m ² .K)
Planibel Top N+T	6 - 12 - 6	77.6	13.5	24.9	55.8	0.64	1.66
Planibel Energy NT	6 - 12 - 6	73.1	12.5	31.3	41.2	0.47	1.63
Planibel Energy NT on Clearvision	6 - 12 - 6	75.2	12.9	19.6	42.8	0.49	1.63
Stopray Vision 50T	6 - 12 - 6	49.5	20.4	37.2	29.7	0.34	1.66
Stopray Clearvision 50T	6 - 12 - 6	50.9	21.3	25.1	30.5	0.35	1.66
Stopray Vision 60T	6 - 12 - 6	59.1	14.5	36.5	35.4	0.41	1.65
Stopray Clearvision 60T	6 - 12 - 6	60.8	15.0	24.9	36.6	0.42	1.65
Stopray Lime 61T	6 - 12 - 6	60.2	9.9	66.3	31.3	0.36	1.63
Stopray Green 41T	6 - 12 - 6	40.7	15.3	71.8	23.8	0.27	1.66
Stopray Indigo 48T	6 - 12 - 6	47.6	7.8	70.1	28.2	0.33	1.63
Stopray Titanium 37T	6 - 12 - 6	36.3	6.3	64.7	26.8	0.31	1.63
Stopray Grey 25T	6 - 12 - 6	24.5	8.2	69.1	20.6	0.24	1.66

*please refer to foot note below:

Foot Note:

- The U Value (formerly k-value) and shading coefficient are measured by condition given by NFRC 100-2001 using Window 5.2
- The tolerance of published data with respect to photometric properties is +/- 3 points
- The U Value tolerance is +/- 0.1 W/(m².K)
- Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. AGC Flat Glass can not be held responsible for any deviation between the data introduced and the conditions on site. This document is only informative, in no way it implies an acceptance of the order by AGC Flat Glass.

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AGC Flat Glass is the world's leading producer of flat glass.

With AGC's unique network of experience & expertise, our customers enjoy a one-stop integrated opportunity to a wide range of world-class products and solutions for all their glass needs.

STOP SOL

A reflective glass that stands the test of time

For many years now, Stopsol has been the solar control glass preferred by processors, promoters and facade designers all over the world. Its reflection, perfect uniformity and exceptionally hard scratchproof and pollution-resistant coating have all played a major part in creating Stopsol's robust reputation. Processors particularly appreciate its pyrolytic coating, which is easy to toughen, bend and use in single or double glazing.

Stopsol is available in ten colours and three types, making it the perfect glass for any architectural application.

Benefits

- Reflective glass providing privacy and visual comfort
- Multiple combinations of solar control and light transmission levels and various colours
- No limits on architects' creativity: one type of glass can be used for all applications
- Easy to process.



Parc de l'alliance (Belgium)
Stopsol Supersilver Green



Torre Gas Natural (Spain)
Stopsol Classic Clear
Stopsol Supersilver Grey

STOP SOL | Single : pos.2

Type of Glass	Thickness (mm)	VLT (%)	VLR ext (%)	EA (%)	SHGC (%)	SC	U Value (W/m ² .K)
Stopsol Classic Clear	6	37.8	26.8	34.3	58.0	0.67	5.80
Stopsol Classic Grey	6	18.6	9.8	33.8	47.4	0.55	5.80
Stopsol Classic Dark Blue S	6	25.8	13.8	30.5	42.1	0.49	5.81
Stopsol Classic Green	6	30.9	19.6	34.1	42.5	0.50	5.80
Stopsol Classic Bronze	6	21.5	11.6	33.8	49.1	0.57	5.80
Stopsol Supersilver Clear	6	62.1	32.8	35.0	68.4	0.79	5.61
Stopsol Supersilver Grey	6	29.4	11.0	34.0	51.4	0.60	5.69
Stopsol Supersilver Dark Blue S	6	43.9	15.1	27.7	48.5	0.57	5.81
Stopsol Supersilver Green	6	50.8	23.8	34.4	47.8	0.56	5.61
Stopsol Supersilver Privablue	6	27.5	7.9	24.3	38.8	0.46	5.78

*please refer to foot note at last page

Neutrality and selectivity

Sunergy rises to any architectural challenge – even the most difficult. With its low level of reflection and its extremely neutral appearance, Sunergy reflects current aesthetic trends. In addition, it is very easy to process, making it a favourite with glaziers all over the world. It can even be used in complex construction projects, such as projects involving bent glass, heat-strengthened glass, curtain walls, single-pane glazing or silk-screen printed glass.

Sunergy provides a high level of solar protection and good thermal insulation. It is available in Clear, Green, Azur, Dark Blue and Grey.



Oncology Hospital (Egypt)
Sunergy Green



John Curtin School Of Medical Research (Australia)
Sunergy Clear

SUN ERGY

SUN ERGY | Single : pos.2

Type of Glass	Thickness (mm)	VLT (%)	VLR ext (%)	EA (%)	SHGC (%)	SC	U Value (W/m ² .K)
Sunergy Clear	3.15	68.7	8.7	36.0	60.9	0.71	4.17
	4	68.5	8.7	36.7	60.7	0.70	4.17
	6	67.7	8.6	39.0	59.4	0.69	4.13
	8	66.9	8.5	41.2	58.1	0.67	4.09
	10	66.2	8.4	43.2	57.1	0.66	4.05
Sunergy Green	6	55.7	7.3	66.3	41.6	0.49	4.13
	8	51.5	6.8	71.4	38.3	0.45	4.09
Sunergy Azur	4	60.1	7.7	55.5	48.5	0.57	4.17
	6	55.6	7.3	62.7	44.0	0.51	4.13
	8	51.4	6.8	68.1	40.5	0.47	4.09
	10	47.8	6.5	72.0	38.1	0.45	4.05
Sunergy Dark Blue	6	44.0	6.2	69.3	39.5	0.46	4.12
	8	37.8	5.7	74.9	36.0	0.42	4.07
Sunergy Grey	6	33.6	5.3	64.5	42.5	0.50	4.12
	8	26.2	4.9	71.1	38.3	0.45	4.07

SUN ERGY | Laminated : Clear - 0.38pvb clear - Sunergy pos.2

Type of Glass	Thickness (mm)	VLT (%)	VLR ext (%)	EA (%)	SHGC (%)	SC	U Value (W/m ² .K)
Sunergy Clear	6.38	67.3	8.6	42.8	57.6	0.67	4.10
	8.38	66.5	8.3	46.0	55.7	0.65	4.06
	12.38	64.9	8.1	50.3	53.2	0.62	3.99
	16.38	63.0	7.8	54.8	50.5	0.59	3.92
Sunergy Green	12.38	53.5	6.8	70.3	39.9	0.47	3.99
	16.38	48.6	6.3	75.2	36.9	0.43	3.92
Sunergy Azur	8.38	58.5	7.3	60.9	45.9	0.54	4.06
	12.38	53.4	6.8	67.8	41.5	0.49	3.99
	16.38	48.5	6.3	73.0	38.4	0.45	3.92
Sunergy Dark Blue	12.38	42.3	5.8	73.4	37.8	0.44	3.98
	16.38	35.7	5.3	78.6	34.6	0.41	3.91
Sunergy Grey	12.38	32.2	5.0	70.9	39.4	0.46	3.98
	16.38	24.7	4.6	77.6	35.3	0.42	3.91

SUN ERGY | Double Glazing : Sunergy pos.2 - 12 Air Space - Clear

Type of Glass	Thickness (mm)	LT (%)	LR ext	EA	SF	SC	U Value (W/m ² .K)
Sunergy Clear	6 - 12 - 6	60.6	12.3	45.6	51.3	0.59	2.11
Sunergy Green	6 - 12 - 6	49.9	9.8	69.3	33.5	0.39	2.11
Sunergy Azur	6 - 12 - 6	49.8	9.8	66.2	35.8	0.41	2.11
Sunergy Dark Blue	6 - 12 - 6	39.4	7.8	72.2	31.3	0.36	2.10
Sunergy Grey	6 - 12 - 6	30.0	6.3	68.9	34.2	0.40	2.10

*please refer to foot note at last page

Benefits

- Unsurpassed appearance and visual comfort: high degree of light transmission and low level of reflection
- Especially neutral on clear float glass
- Interior comfort: excellent thermal insulation coupled with solar control when assembled in Insulating Glazing Unit
- Easy to process
- No limits on architects' creativity: one type of glass can be used for all applications