



Your Dreams, Our Challenge

SOLAR CONTROL GLAZING

STOPSOL

Energy-saving
Glass Solutions for Façades



Leading Glass Supplier & Manufacturer in Asia

Delivering glass solutions for the cities of tomorrow.

AGC Glass Asia Pacific, part of the global AGC Group, is a recognised Glass Supplier & Manufacturer in Asia, providing unrivalled expertise in glass technologies.

With AGC's unique network of experience and expertise, our customers enjoy a one-stop integrated opportunity to a wide range of world-class products and solutions for all their glass needs, with a wide range of glass solutions for a multitude of applications – Residential, Commercial Buildings, Interior and Appliances.

AGC Glass Asia's Glass Solutions towards Net Zero Building

Green Building rating systems such as LEED, WELL, BCA Green Mark, Green Star etc. are widely used to support building owners, architects and consultants in the design and construction of sustainable buildings. The prioritisation of sustainable building materials has been increasingly amplified over the years.

In commitment of promoting sustainable practices in the green built environment, AGC aims to contribute to the sustainability of the global environment through product optimisation and innovation.

AGC is committed in ensuring our glass products are safe and responsibly made, combining functionality and sustainability. Our energy-saving coated glass range supports green buildings with EPD verifications and green product certifications.

We adopt a holistic approach to support the sustainability efforts of Asia Pacific's building industry.

We are

- A founding partner in the World Green Building Council Asia Pacific Regional Network.
- The fore runner in producing our glass products in Asia Pacific region to obtain Environmental Product Declaration (EPD) verification, and being awarded with green product certifications under the Singapore Green Building Product (SGBP) Certification Scheme and Cradle to Cradle Certified® Product Standard.

GLASS FOR QUALITY LIFE



Combining comfort and privacy

Stopsol is a reflective pyrolytic coated glass that stands out for its performance durability coupled with good solar control and unique reflective aesthetics.

It can be easily used for a large variety of processing options including tempering, laminating, bending and silkscreen printing, offering architects unlimited creativity for its applications.

It is available in two types of coatings – namely Stopsol Classic (slightly amber reflection) and Stopsol Supersilver (silver reflection).

The final appearance of Stopsol will depend on the colour of the substrate glass, the coating, the thickness and the position of the coating.

PRODUCT FEATURES

Wide variety of visual appearances

- > Provides architects with an array of aesthetic choices through its reflective appearance.

Enhanced Solar Control

- > Keeps the heat out thereby maintaining comfortable temperatures indoor.
- > Reduces energy cost needed for air-conditioning.

Durable Pyrolytic Coating

- > Withstands harsh environmental conditions such as extreme temperature changes, pollution and corrosion.
- > Allows for long term storage due to infinite shelf life.
- > Provides easy handling and multiple processing options.

PRODUCT RANGE

	Colour	4mm	5mm	6mm	8mm
Classic	Dark Blue		•	•	•
	Bronze	•	•	•	•
	Euro Grey	•		•	
Supersilver	Green		•	•	•
	Blue Green			•	•
	Dark Blue		•	•	•
	Euro Grey		•	•	•

AGC is committed to help you achieve your sustainability goals.



stopsol Supersilver Dark Blue

Hanoi Government Office | Vietnam

Stopsol Supersilver Blue Green | Iconic Tower | Indonesia

PROCESSING OPTIONS

Safety	Tempering & Heat Strengthening	Yes
	Laminating	Yes
Insulation	IGU	Yes ⁽¹⁾
Cutting	Straight or Circular ⁽³⁾	Yes
Shaping & Edge Finishing	Edge Grinding ⁽³⁾	Yes
	Hole Drilling ⁽³⁾	Yes
	Notches ⁽³⁾	Yes
	Edge Deletion	No
Special Treatment	Curving or Bending	Yes
	Silkscreen Printing	Yes ⁽²⁾

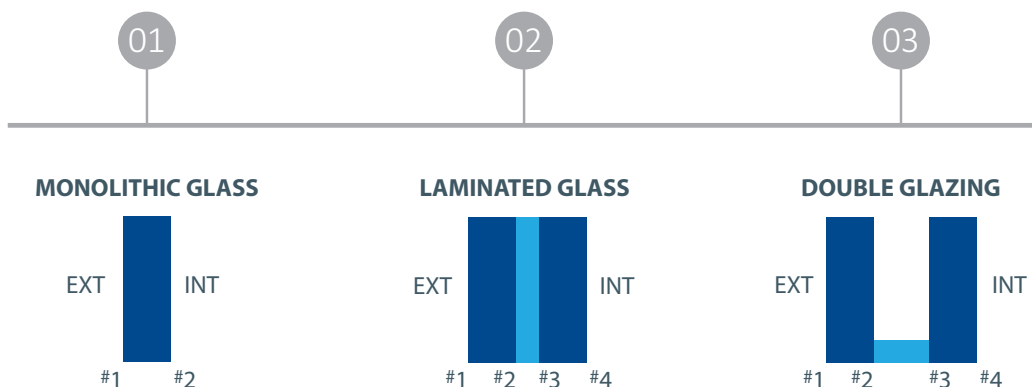
⁽¹⁾ Recommended position #2

⁽²⁾ Certain conditions apply

⁽³⁾ After tempering, all glasses cannot be cut, edge grind, drill and notches

GLASS CONFIGURATION

The numbering of glass surfaces and position of coatings for various glass configurations are given below.



Performance Table

STOPSOL

	Light Performances			Energy Performances							U Value (W/m ² ·K)	
	VLT (%)	VLR Ext (%)	VLR Int (%)	ER (%)	DET (%)	EA (%)	SF (%)		SC		EN 673	NFRC (Summer)
							ISO	EN	ISO	EN		
Single Glass 5mm, Coating Position #2												
Stopsol Classic Dark Blue	28	16	32	12	28	60	44	42	0.50	0.48	5.7	5.2
Stopsol Classic Bronze ⁽¹⁾	24	13	32	12	33	55	47	45	0.54	0.52	5.7	5.3
Stopsol Classic Grey ⁽¹⁾	21	11	32	10	29	61	45	43	0.52	0.49	5.7	5.3
Stopsol Supersilver Green (Gen 2)	50	23	34	13	33	53	47	46	0.54	0.53	5.6	5.2
Stopsol Supersilver Dark Blue (Gen 2)	43	20	36	14	38	49	50	49	0.57	0.56	5.6	5.2
Stopsol Supersilver Euro Grey (Gen 2)	35	14	34	11	39	50	52	50	0.59	0.57	5.6	5.2
Single Glass 6mm, Coating Position #2												
Stopsol Classic Dark Blue	26	14	32	10	25	65	41	40	0.48	0.46	5.6	5.2
Stopsol Classic Bronze ⁽¹⁾	22	12	32	10	30	60	45	43	0.52	0.50	5.6	5.3
Stopsol Classic Grey ⁽¹⁾	19	9	32	9	26	65	43	41	0.49	0.47	5.6	5.3
Stopsol Supersilver Green (Gen 2)	48	22	34	12	30	58	44	43	0.51	0.50	5.6	5.2
Stopsol Supersilver Blue Green (Gen 2)	43	19	35	12	30	58	45	44	0.52	0.50	5.6	5.2
Stopsol Supersilver Dark Blue (Gen 2)	40	18	36	12	33	54	47	46	0.54	0.53	5.6	5.2
Stopsol Supersilver Euro Grey (Gen 2)	31	12	34	10	35	55	49	47	0.56	0.54	5.6	5.2
Single Glass 8mm, Coating Position #2												
Stopsol Classic Dark Blue	22	12	32	9	20	72	38	36	0.44	0.42	5.6	5.2
Stopsol Classic Bronze ⁽¹⁾	18	9	32	8	25	67	42	40	0.48	0.46	5.6	5.2
Stopsol Supersilver Green (Gen 2)	44	19	34	10	24	66	41	39	0.47	0.45	5.6	5.1
Stopsol Supersilver Blue Green (Gen 2)	38	16	35	10	24	66	41	39	0.47	0.45	5.6	5.1
Stopsol Supersilver Dark Blue (Gen 2)	34	14	35	10	27	63	43	42	0.49	0.48	5.6	5.1
Stopsol Supersilver Euro Grey (Gen 2)	25	9	34	8	28	64	44	42	0.51	0.49	5.6	5.1

Performance Table

STOPSOL

	Light Performances			Energy Performances							U Value (W/m ² .K)	
	VLT (%)	VLR Ext (%)	VLR Int (%)	ER (%)	DET (%)	EA (%)	SF (%)		SC		EN 673	NFRC (Summer)
							ISO	EN	ISO	EN		
Double Glazing Unit 6-12-6, 6mm Stopsol #2 + 12mm 100% Air + 6mm Clear												
Stopsol Classic Dark Blue	23	15	34	11	21	69	31	30	0.35	0.34	2.8	2.8
Stopsol Classic Bronze ⁽¹⁾	20	12	34	11	26	63	35	33	0.40	0.38	2.8	2.9
Stopsol Supersilver Green (Gen 2)	44	24	36	13	25	62	34	34	0.39	0.39	2.8	2.8
Stopsol Supersilver Blue Green (Gen 2)	40	21	36	13	26	62	35	34	0.40	0.39	2.8	2.8
Stopsol Supersilver Dark Blue (Gen 2)	36	19	37	13	28	58	37	37	0.43	0.42	2.8	2.8
Stopsol Supersilver Euro Grey (Gen 2)	28	13	36	11	28	61	38	37	0.44	0.43	2.8	2.8
Double Glazing Unit 8-12-8, 8mm Stopsol #2 + 12mm 100% Air + 8mm Clear												
Stopsol Classic Dark Blue	20	12	33	9	16	75	27	26	0.30	0.30	2.8	2.8
Stopsol Classic Bronze ⁽¹⁾	16	9	34	9	20	71	30	29	0.35	0.34	2.8	2.8
Stopsol Supersilver Green (Gen 2)	40	20	35	11	20	69	30	29	0.34	0.34	2.8	2.8
Stopsol Supersilver Blue Green (Gen 2)	35	17	36	10	20	69	30	29	0.34	0.34	2.8	2.8
Stopsol Supersilver Dark Blue (Gen 2)	31	15	36	11	22	67	32	32	0.37	0.36	2.8	2.8
Stopsol Supersilver Euro Grey (Gen 2)	22	10	35	9	22	70	33	32	0.36	0.36	2.8	2.8
Double Glazing Unit 6-12-6, 6mm Stopsol #2 + 12mm 100% Air + 6mm Planibel G #3												
Stopsol Classic Dark Blue	21	15	32	11	16	72	26	26	0.30	0.30	1.9	2.0
Stopsol Classic Bronze ⁽¹⁾	19	12	32	12	21	67	30	29	0.35	0.34	1.9	1.9
Stopsol Classic Grey ⁽¹⁾	16	10	32	10	18	72	27	26	0.31	0.30	1.9	1.9
Stopsol Supersilver Green (Gen 2)	40	24	33	13	21	65	31	30	0.35	0.35	1.9	2.0
Stopsol Supersilver Blue Green (Gen 2)	36	21	33	13	21	65	31	31	0.35	0.35	1.9	2.0
Stopsol Supersilver Dark Blue (Gen 2)	33	19	34	14	23	63	33	33	0.38	0.38	1.9	2.0
Stopsol Supersilver Euro Grey (Gen 2)	26	13	33	12	23	65	34	33	0.39	0.38	1.9	2.0
Double Glazing Unit 8-12-8, 8mm Stopsol #2 + 12mm 100% Air + 8mm Planibel G #3												
Stopsol Classic Dark Blue	18	12	31	9	13	78	23	22	0.26	0.25	1.9	1.9
Stopsol Classic Bronze ⁽¹⁾	15	10	31	10	16	74	26	25	0.30	0.29	1.9	1.9
Stopsol Supersilver Green (Gen 2)	36	21	32	11	17	71	26	26	0.30	0.30	1.9	1.9
Stopsol Supersilver Blue Green (Gen 2)	32	18	33	11	17	72	26	26	0.30	0.30	1.9	1.9
Stopsol Supersilver Dark Blue (Gen 2)	28	16	33	11	18	70	28	28	0.33	0.32	1.9	1.9
Stopsol Supersilver Euro Grey (Gen 2)	20	10	32	9	18	73	29	28	0.33	0.32	1.9	1.9

Performance Table

STOPSOL

	Light Performances			Energy Performances							U Value (W/m ² .K)	
	VLT (%)	VLR Ext (%)	VLR Int (%)	ER (%)	DET (%)	EA (%)	SF (%)		SC		EN 673	NFRC (Summer)
							ISO	EN	ISO	EN		
Laminated 5mm, 5mm Stopsol #2 + 1.52mm Clear PVB + 5mm Clear												
Stopsol Classic Dark Blue	32	13	21	10	27	64	43	41	0.49	0.48	5.4	4.9
Stopsol Classic Bronze ⁽¹⁾	26	12	21	10	28	62	44	42	0.51	0.48	5.3	5.1
Stopsol Classic Grey ⁽¹⁾	22	10	21	9	25	66	42	40	0.48	0.46	5.3	5.1
Stopsol Supersilver Green (Gen 2)	58	17	22	10	33	57	47	46	0.54	0.53	5.4	4.9
Stopsol Supersilver Dark Blue (Gen 2)	52	13	20	10	38	52	52	50	0.59	0.58	5.4	4.9
Stopsol Supersilver Euro Grey (Gen 2)	41	11	22	9	36	55	50	48	0.57	0.55	5.4	4.9
Laminated 5mm, 5mm Stopsol #2 + 1.52mm Clear PVB + 5mm Planibel G #4												
Stopsol Classic Dark Blue	29	13	21	10	22	68	33	32	0.38	0.37	3.6	2.8
Stopsol Classic Bronze ⁽¹⁾	24	12	23	10	26	64	36	34	0.41	0.40	3.5	2.8
Stopsol Classic Grey ⁽¹⁾	21	10	23	9	23	68	34	32	0.39	0.37	3.5	2.8
Stopsol Supersilver Green (Gen 2)	53	18	22	10	28	61	38	38	0.44	0.43	3.6	2.8
Stopsol Supersilver Dark Blue (Gen 2)	47	14	20	10	32	58	42	41	0.48	0.47	3.6	2.8
Stopsol Supersilver Euro Grey (Gen 2)	37	11	22	9	30	61	40	39	0.46	0.44	3.6	2.8
Laminated 6mm, 6mm Stopsol #2 + 1.52mm Clear PVB + 6mm Clear												
Stopsol Classic Dark Blue	29	12	21	9	23	68	41	39	0.47	0.45	5.4	4.9
Stopsol Classic Bronze ⁽¹⁾	24	10	22	9	26	65	43	41	0.50	0.47	5.3	5.1
Stopsol Classic Grey ⁽¹⁾	20	9	22	8	23	69	41	39	0.47	0.44	5.3	5.1
Stopsol Supersilver Green (Gen 2)	55	16	22	9	29	62	45	44	0.51	0.50	5.3	4.9
Stopsol Supersilver Blue Green (Gen 2)	49	14	21	9	29	62	45	43	0.51	0.50	5.4	4.9
Stopsol Supersilver Dark Blue (Gen 2)	48	12	20	9	34	57	48	47	0.56	0.54	5.4	4.9
Stopsol Supersilver Euro Grey (Gen 2)	36	9	22	8	31	61	47	45	0.54	0.52	5.4	4.9

Performance Table

STOPSOL

	Light Performances			Energy Performances								U Value (W/m ² .K)	
	VLT (%)	VLR Ext (%)	VLR Int (%)	ER (%)	DET (%)	EA (%)	SF (%)		SC		EN 673	NFRC (Summer)	
							ISO	EN	ISO	EN			
Laminated 6mm, 6mm Stopsol #2 + 1.52mm Clear PVB + 6mm Planibel G #4													
Stopsol Classic Dark Blue	26	12	21	9	19	72	31	30	0.36	0.35	3.6	2.8	
Stopsol Classic Bronze ⁽¹⁾	22	10	23	9	23	68	34	32	0.39	0.37	3.5	2.8	
Stopsol Classic Grey ⁽¹⁾	18	9	23	8	20	72	31	30	0.36	0.34	3.5	2.8	
Stopsol Supersilver Green (Gen 2)	50	17	22	10	25	65	36	35	0.41	0.40	3.6	2.8	
Stopsol Supersilver Blue Green (Gen 2)	45	14	22	9	25	66	36	35	0.41	0.40	3.6	2.8	
Stopsol Supersilver Dark Blue (Gen 2)	43	13	20	9	29	62	39	38	0.45	0.44	3.6	2.8	
Stopsol Supersilver Euro Grey (Gen 2)	33	10	22	8	26	65	37	36	0.43	0.41	3.6	2.8	
Laminated 8mm, 8mm Stopsol #2 + 1.52mm Clear PVB + 8mm Clear													
Stopsol Classic Dark Blue	25	10	20	8	18	74	37	35	0.43	0.41	5.3	4.8	
Stopsol Classic Bronze ⁽¹⁾	19	8	22	8	21	71	40	37	0.45	0.43	5.2	5.0	
Stopsol Supersilver Green (Gen 2)	49	14	22	8	23	68	41	40	0.47	0.46	5.2	4.8	
Stopsol Supersilver Blue Green (Gen 2)	43	12	21	8	23	69	41	39	0.47	0.45	5.3	4.8	
Stopsol Supersilver Dark Blue (Gen 2)	41	10	19	8	27	66	44	42	0.50	0.48	5.3	4.8	
Stopsol Supersilver Euro Grey (Gen 2)	28	8	22	7	24	69	42	40	0.48	0.46	5.3	4.8	
Laminated 8mm, 8mm Stopsol #2 + 1.52mm Clear PVB + 8mm Planibel G #4													
Stopsol Classic Dark Blue	22	10	21	8	15	77	28	27	0.32	0.31	3.5	2.7	
Stopsol Classic Bronze ⁽¹⁾	18	8	22	8	18	74	30	29	0.34	0.33	3.4	2.7	
Stopsol Supersilver Green (Gen 2)	45	15	22	9	21	71	32	31	0.37	0.36	3.5	2.7	
Stopsol Supersilver Blue Green (Gen 2)	39	12	21	8	20	72	32	31	0.36	0.35	3.5	2.7	
Stopsol Supersilver Dark Blue (Gen 2)	37	11	20	8	23	69	34	33	0.39	0.38	3.5	2.7	
Stopsol Supersilver Euro Grey (Gen 2)	25	8	22	7	20	73	32	31	0.37	0.36	3.5	2.7	

⁽¹⁾ The data are calculated using spectral measurements that conform to standards EN 410 (light and energy performances) and EN 673 (U-values).

All data are calculated using spectral measurements that conform to standards ISO 9050 (2003) (light & energy performances), EN 673 and NFRC 100-2010/200-2010 (U-values) and are subjected to change without prior notice. AGC cannot be held responsible for any deviation between the data introduced and the conditions on site. AGC strongly recommends to apply heat soak test to reduce the risk of spontaneous breakage. AGC cannot guarantee against spontaneous breakage due to characteristics of glass. For additional glass configurations, please contact our sales person.



TAS: Technical Advisory Service

The AGC Technical Advisory Service is a team of glass experts offering technical support to AGC Certified Processors, who are well-qualified and experienced independent glass fabricators, certified to handle and process AGC's high-performance glass products. This technical support covers topics such as: technical data sheets, thermal analysis including evaluation of the risk of thermal stress, acoustic advice, installation guidelines, engineering support for special glass applications and more.

If you would like to find out more about the AGC TAS Team or are interested to be an AGC Certified Processor, please contact your local AGC representative for assistance.



Your Dreams Our Challenge

With our Asia headquarters located in Singapore, AGC Asia Pacific is dedicated to provide solutions in the Architectural, Automotive, Industrial and Solar industry in the region. As part of the global AGC group, we take pride in offering our customers a unique global network of experience & expertise with a one-stop integrated access to our wide range of world-class products and solutions that contributes to the global sustainable environment.

SINGAPORE

AGC Asia Pacific Pte Ltd
460 Alexandra Road
mTower #32-01
Singapore 119963
Tel: +65 6273 5656
Email: aap.glass@agc.com
www.agc-glassasia.com

MALAYSIA

AGC Flat Glass (Malaysia) Sdn Bhd
D2-08, Block D, Oasis Square,
2A, Jalan PJU 1A/7A, Ara Damansara,
47301 Petaling Jaya, Selangor D.E.,
Malaysia
Tel: +603 7832 3030
Email: aap.glass@agc.com

VIETNAM

AGC Asia Pacific (Vietnam) Co., Ltd
Room 606, 6th floor, ICON4 Building,
243A De La Thanh, Lang Thuong,
Dong Da, Ha Noi, Vietnam
Tel: +84 024 3203 8189
Email: aap.glass@agc.com

HONG KONG

AGC Flat Glass (Hong Kong) Co., Ltd.
Unit 07, 7th Floor, Laws Commercial Plaza,
788 Cheung Sha Wan Road, Kowloon,
Hong Kong
Tel: +852 2541 0789
Email: aap.glass@agc.com

TAIWAN

AGC Asia Pacific (Taiwan Rep. Office)
5F-5, No. 191, Fuxing N. Road,
Songsan Dist., Taipei City 10596,
Taiwan (R.O.C.)
Tel: +886 2 2712 1700
Email: aap.glass@agc.com

INDONESIA

PT Asahimas Flat Glass Tbk
Jalan, Ancol IX/5, Ancol Barat,
Jakarta 14430, Indonesia
Tel: +62 21 690 4041
Email: amfg.marketing@agc.com
www.amfg.co.id

THAILAND

AGC Flat Glass (Thailand) Public Co., Ltd.
200 Moo 1, Suksawad Road,
Phra Samut Chedi, Samut Prakan,
10290, Thailand
Tel: +66 2815 5000
Email: aft.glass@agc.com
www.agc-flatglass.co.th

EUROPE

AGC Glass Europe
Avenue Jean Monnet 4
1348 Louvain-la-Neuve
Belgium
Tel: +32 2 409 30 00
Email: sales.headquarters@agc.com
www.agc-yourglass.com



Follow @AGCGlassAsia for more inspiration