



STOPSOL

Create lasting reflections

AGC

Your Dreams, Our Challenge

Using AGC solar control glazing to create attractive facades

— STOPSOL COATING —

If there is one material that has enabled all the functionality and design qualities found in modern architecture, then surely it is glass. **STOPSOL** – the world’s most famous coated glass – is justifiably prized for its stunning aesthetics, created by combining brilliant coatings with an extensive range of coloured glass substrates.

Designed in Belgium

High-quality glass

The Belgian glass industry is renowned for its innovative, high-quality products, and AGC Glass Europe is the rightful heir to this fine glassmaking tradition that dates back more than a hundred years. Stopsol coated glass was created and developed in Belgium, and even today, most Stopsol is still produced in our Belgian plants and exported around the world.

Freedom of design

Glass processors frequently require glazing with flexible design qualities that can be used for a variety of purposes. Stopsol’s hard coating – applied via a pyrolytic process as the glass exits the oven – is extremely stable, allowing it to be used as monolithic glass, with the coating facing either outward or inward, capable of delivering consistent performance for many years.

Elegant reflections

Stopsol is especially popular in densely built-up urban areas, where its elegant, highly reflective surface delivers enhanced privacy and an attractive look. Architects are free to play with different colours and combinations of solar protection, light transmission, light reflection and appearance.

Multiple applications

Stopsol is not only ideal for exterior applications such as facades and windows in office and residential buildings, but it can also be used in appliances (oven doors) and interior applications (partitions).



Solar control and privacy

— BENEFITS OF STOPSOL —

Stopsol delivers abundant natural light and excellent energy performance, ensuring privacy and comfort for building occupants while cutting air conditioning costs thanks to its low solar factor.

Flexibility

Stopsol is a pyrolytic coated glass product that can be used not only as monolithic glass, but also in insulating and laminated glazing. It can be heat-treated, bent, enamelled, silkscreen printed and does not require edge deletion.

Freedom of design

An extensive range of beautiful aesthetics by combining three different reflective coatings with an extensive range of coloured glass substrates.

Privacy

Protects privacy thanks to its high level of light reflection when viewed from the outside.

Processing

Easy to process and can be stored for many years.

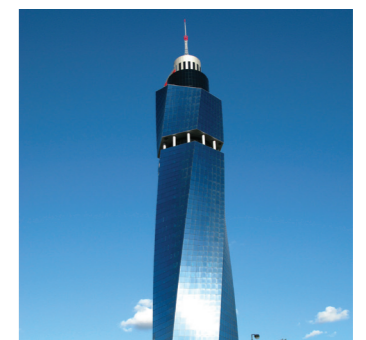
For even more creative inspiration, **Stopsol** offers three types of coatings:



Classic



Supersilver



SilverLight

Technical specifications

— STOPSOL POSITION 2 —

External appearance	EUROPEAN STANDARDS						AMERICAN STANDARDS								
	EN 410 (2011)					EN 673	NFRC 100				NFRC 200 & NFRC 300				
	LT (%)	SF (%)	LR ext (%)	LR int (%)	SC		WINTER		SUMMER		SC	SHGC	RHG BTU/(hr.ft2)	RHG W/m ²	
						U-Factor Night time BTU/(hr.ft2.F)	U-Factor Night time W/(m ² .K)	U-Factor Day time BTU/(hr.ft2.F)	U-Factor Day time W/(m ² .K)						
6 mm Stopsol pos. 2 - 16 mm Air - 6 mm Planibel G pos. 3															
Stopsol Classic Clear	clear, metallic	33	43	29	32	0.49	1.7	0.34	1.94	0.30	1.72	0.53	0.46	110.9	350
Stopsol Classic Grey	metallic grey	16	26	10	32	0.30	1.7	0.34	1.94	0.30	1.72	0.33	0.29	71.9	227
Stopsol Classic Green	metallic green	27	24	21	32	0.28	1.7	0.34	1.94	0.30	1.72	0.30	0.26	64.4	203
Stopsol Classic Bronze	metallic bronze	19	29	12	32	0.33	1.7	0.34	1.94	0.30	1.72	0.37	0.32	78.8	248
Stopsol Supersilver Clear	slightly bluish silver	53	57	38	34	0.66	1.7	0.34	1.94	0.30	1.72	0.68	0.59	139.1	439
Stopsol Supersilver Grey	metallic steel	25	33	12	33	0.38	1.7	0.34	1.94	0.30	1.72	0.41	0.36	86.4	273
Stopsol Supersilver Green	brilliant green	43	33	27	34	0.38	1.7	0.34	1.94	0.30	1.72	0.38	0.33	80.7	254
Stopsol SilverLight PrivaBlue	intense blue	23	19	9	27	0.22	1.7	0.34	1.94	0.30	1.72	0.24	0.21	52.3	165
Stopsol Classic Dark Blue*	metallic blue	22	25	15	32	0.29	1.7	0.34	1.94	0.30	1.72	0.32	0.28	68.3	215
Stopsol Supersilver Dark Blue*	silvery blue	34	33	19	35	0.38	1.7	0.34	1.94	0.30	1.72	0.39	0.34	82.4	260
Stopsol Supersilver Blue Green*	brilliant blue/green	37	30	21	34	0.34	1.7	0.34	1.94	0.30	1.72	0.36	0.31	76.0	240
6 mm Stopsol pos. 2 - 16 mm Air - 6 mm iplus Solid pos.3															
Stopsol Classic Clear	clear, metallic	30	38	28	25	0.44	1.6	0.33	1.86	0.28	1.59	0.45	0.39	94.0	296
Stopsol Classic Grey	metallic grey	14	23	10	25	0.26	1.6	0.33	1.86	0.28	1.59	0.29	0.25	61.9	195
Stopsol Classic Green	metallic green	24	22	20	25	0.25	1.6	0.33	1.86	0.28	1.59	0.28	0.24	58.5	185
Stopsol Classic Bronze	metallic bronze	17	25	12	25	0.29	1.6	0.33	1.86	0.28	1.59	0.32	0.28	67.3	212
Stopsol Supersilver Clear	slightly bluish silver	48	51	35	27	0.59	1.6	0.33	1.86	0.28	1.59	0.59	0.51	121.2	382
Stopsol Supersilver Grey	metallic steel	23	30	11	26	0.34	1.6	0.33	1.86	0.28	1.59	0.36	0.31	75.8	239
Stopsol Supersilver Green	brilliant green	39	31	25	27	0.36	1.6	0.33	1.86	0.28	1.59	0.36	0.31	74.8	236
Stopsol SilverLight PrivaBlue	intense blue	21	19	8	21	0.22	1.6	0.33	1.86	0.28	1.59	0.23	0.20	49.5	156
Stopsol Classic Dark Blue*	metallic blue	19	23	14	25	0.26	1.6	0.33	1.86	0.28	1.59	0.29	0.25	60.9	192
Stopsol Supersilver Dark Blue*	silvery blue	30	30	18	27	0.34	1.6	0.33	1.86	0.28	1.59	0.36	0.31	74.7	236
Stopsol Supersilver Blue Green*	brilliant blue/green	33	28	20	27	0.32	1.6	0.33	1.86	0.28	1.59	0.33	0.29	70.2	221
6 mm Stopsol pos. 2 - 16 mm Air - 6 mm iplus AS pos.3															
Stopsol Classic Clear	clear, metallic	35	39	28	32	0.45	1.4	0.31	1.77	0.26	1.45	0.47	0.41	96.7	305
Stopsol Classic Grey	metallic grey	17	23	10	31	0.26	1.4	0.31	1.77	0.26	1.45	0.30	0.26	62.3	197
Stopsol Classic Green	metallic green	29	22	20	31	0.25	1.4	0.31	1.77	0.26	1.45	0.28	0.24	58.3	184
Stopsol Classic Bronze	metallic bronze	20	26	12	31	0.30	1.4	0.31	1.77	0.26	1.45	0.32	0.28	68.1	215
Stopsol Supersilver Clear	slightly bluish silver	57	53	36	34	0.61	1.4	0.31	1.77	0.26	1.45	0.61	0.53	125.6	396
Stopsol Supersilver Grey	metallic steel	27	30	11	33	0.34	1.4	0.31	1.77	0.26	1.45	0.37	0.32	77.1	243
Stopsol Supersilver Green	brilliant green	46	31	26	33	0.36	1.4	0.31	1.77	0.26	1.45	0.36	0.31	75.4	238
Stopsol SilverLight PrivaBlue	intense blue	25	19	8	25	0.22	1.4	0.31	1.77	0.26	1.45	0.23	0.20	48.5	153
Stopsol Classic Dark Blue*	metallic blue	23	23	14	31	0.26	1.4	0.31	1.77	0.26	1.45	0.29	0.25	61.0	192
Stopsol Supersilver Dark Blue*	silvery blue	36	31	18	34	0.36	1.4	0.31	1.77	0.26	1.45	0.36	0.31	75.5	238
Stopsol Supersilver Blue Green*	brilliant blue/green	39	29	20	34	0.33	1.4	0.31	1.77	0.26	1.45	0.33	0.29	70.6	222

Other glass configurations can be calculated on the AGC glass configurator, available on www.agc-yourglass.com.

*Made in Indonesia with Belgian technology

Technical specifications

— STOPSOL POSITION 1 —

External appearance	EUROPEAN STANDARDS						AMERICAN STANDARDS								
	EN 410 (2011)					EN 673	NFRC 100				NFRC 200 & NFRC 300				
	LT (%)	SF (%)	LR ext (%)	LR int (%)	SC		WINTER		SUMMER		SC	SHGC	RHG BTU/(hr.ft2)	RHG W/m ²	
						U-Factor Night time BTU/(hr.ft2.F)	U-Factor Night time W/(m ² .K)	U-Factor Day time BTU/(hr.ft2.F)	U-Factor Day time W/(m ² .K)						
6 mm Stopsol pos. 1 - 16 mm Air - 6 mm Planibel G pos. 3															
Stopsol Classic Clear	amber silver	33	43	34	29	0.49	1.7	0.34	1.94	0.30	1.72	0.53	0.46	109.5	345
Stopsol Classic Grey	silver grey	15	25	32	16	0.28	1.7	0.34	1.94	0.30	1.72	0.31	0.27	67.3	212
Stopsol Classic Green	silver green	26	23	33	23	0.26	1.7	0.34	1.94	0.30	1.72	0.28	0.24	60.2	190
Stopsol Classic Bronze	amber gold	18	27	32	18	0.32	1.7	0.34	1.94	0.30	1.72	0.36	0.31	74.5	235
Stopsol Supersilver Clear	brilliant silver	53	57	39	33	0.66	1.7	0.34	1.94	0.30	1.72	0.67	0.58	138.3	436
Stopsol Supersilver Grey	brilliant grey	25	31	35	17	0.36	1.7	0.34	1.94	0.30	1.72	0.39	0.34	82.0	259
Stopsol Supersilver Green	steel green	43	31	37	27	0.36	1.7	0.34	1.94	0.30	1.72	0.37	0.32	77.1	243
Stopsol SilverLight PrivaBlue	silvery blue	23	18	25	15	0.21	1.7	0.34	1.94	0.30	1.72	0.23	0.20	49.0	155
Stopsol Classic Dark Blue*	amber blue	21	24	33	20	0.28	1.7	0.34	1.94	0.30	1.72	0.30	0.26	63.6	201
Stopsol Supersilver Dark Blue*	steel blue	33	31	37	22	0.36	1.7	0.34	1.94	0.30	1.72	0.37	0.32	78.2	247
Stopsol Supersilver Blue Green*	amber blue/green	36	29	37	23	0.33	1.7	0.34	1.94	0.30	1.72	0.33	0.29	71.9	227
6 mm Stopsol pos. 1 - 16 mm Air - 6 mm iplus Solid pos.3															
Stopsol Classic Clear	amber silver	29	37	33	22	0.43	1.6	0.33	1.86	0.28	1.59	0.45	0.39	92.7	292
Stopsol Classic Grey	silver grey	14	21	32	12	0.24	1.6	0.33	1.86	0.28	1.59	0.26	0.23	57.5	181
Stopsol Classic Green	silver green	24	21	32	18	0.24	1.6	0.33	1.86	0.28	1.59	0.25	0.22	54.6	172
Stopsol Classic Bronze	amber gold	17	24	32	13	0.28	1.6	0.33	1.86	0.28	1.59	0.30	0.26	63.2	199
Stopsol Supersilver Clear	brilliant silver	48	51	36	26	0.59	1.6	0.33	1.86	0.28	1.59	0.59	0.51	120.3	379
Stopsol Supersilver Grey	brilliant grey	22	28	34	13	0.32	1.6	0.33	1.86	0.28	1.59	0.34	0.30	71.7	226
Stopsol Supersilver Green	steel green	39	30	35	21	0.34	1.6	0.33	1.86	0.28	1.59	0.33	0.29	71.7	226
Stopsol SilverLight PrivaBlue	silvery blue	21	18	25	11	0.21	1.6	0.33	1.86	0.28	1.59	0.22	0.19	46.7	147
Stopsol Classic Dark Blue*	amber blue	19	22	32	15	0.25	1.6	0.33	1.86	0.28	1.59	0.26	0.23	56.5	178
Stopsol Supersilver Dark Blue*	steel blue	30	29	36	17	0.33	1.6	0.33	1.86	0.28	1.59	0.33	0.29	71.0	224
Stopsol Supersilver Blue Green*	amber blue/green	33	27	35	18	0.31	1.6	0.33	1.86	0.28	1.59	0.31	0.27	66.5	210
6 mm Stopsol pos. 1 - 16 mm Air - 6 mm iplus AS pos.3															
Stopsol Classic Clear	amber silver	35	39	33	27	0.45	1.4	0.31	1.77	0.26	1.45	0.46	0.40	95.5	301
Stopsol Classic Grey	silver grey	17	22	32	13	0.25	1.4	0.31	1.77	0.26	1.45	0.28	0.24	58.2	184
Stopsol Classic Green	silver green	28	21	33	21	0.24	1.4	0.31	1.77	0.26	1.45	0.25	0.22	54.6	172
Stopsol Classic Bronze	amber gold	20	24	32	15	0.28	1.4	0.31	1.77	0.26	1.45	0.30	0.26	64.3	203
Stopsol Supersilver Clear	brilliant silver	57	53	37	33	0.61	1.4	0.31	1.77	0.26	1.45	0.61	0.53	124.8	394
Stopsol Supersilver Grey	brilliant grey	27	29	34	14	0.33	1.4	0.31	1.77	0.26	1.45	0.34	0.30	73.2	231
Stopsol Supersilver Green	steel green	46	30	36	25	0.34	1.4	0.31	1.77	0.26	1.45	0.34	0.30	72.4	228
Stopsol SilverLight PrivaBlue	silvery blue	24	18	25	12	0.21	1.4	0.31	1.77	0.26	1.45	0.21	0.18	45.8	144
Stopsol Classic Dark Blue*	amber blue	23	22	32	17	0.25	1.4	0.31	1.77	0.26	1.45	0.26	0.23	56.8	179
Stopsol Supersilver Dark Blue*	steel blue	35	30	36	20	0.34	1.4	0.31	1.77	0.26	1.45	0.34	0.30	71.9	227
Stopsol Supersilver Blue Green*	amber blue/green	39	28	36	21	0.32	1.4	0.31	1.77	0.26	1.45	0.32	0.28	67.1	212

Other glass configurations can be calculated on the AGC glass configurator, available on www.agc-yourglass.com.

*Made in Indonesia with Belgian technology

Bring your vision to life with AGC services

ONE-STOP-SHOP

Your one-stop-shop to support your project

AGC is your one-stop-shop, providing everything you need to create the aesthetically and technically perfect solution: research, consultancy, and technical advice, production and logistics. We provide support via our dedicated teams, expert services and online tools through every stage of your project, from initial planning to completed construction.



EXPERT ADVICE

- International Building Projects (IBP) team
- Technical Advisory Support (TAS) team
- AGC Processing Certification



PRODUCT INSIGHT

- Product brochures and leaflets
- Technical documentation
- Technical data sheets
- Warranty documents



SUSTAINABILITY PRACTICES

- Life Cycle Analysis
- Cradle to Cradle Certification
- LEED, BREEAM and HQE performance targets support



CUSTOMIZATION

- XL glass sizes (> 6 m)
- Tailor-made "Coating on Demand"
- Energy-generating spandrel matchable with vision glass



SAMPLES AND MOCK-UP

- Demo-samples
- Mock-up services



ONLINE TOOLS

- Product website: agc-yourglass.com
- Glass Configurator
- Product Catalogue
- Project References App
- Architectural Glass Visualiser
- Project virtualization
- Building Information Modeling (BIM)



AGC GLASS EUROPE, A EUROPEAN LEADER IN FLAT GLASS

Based in Louvain-la-Neuve (Belgium), AGC Glass Europe produces, processes and markets flat glass for the construction industry (external glazing and interior decoration), car manufacture and solar power applications. It is the European branch of AGC, the world's leading producer of flat glass. It has over 100 sites throughout Europe, from Spain to Russia, and employs around 16,500 employees. More information on www.agc-glass.eu (corporate site), www.agc-yourglass.com (glass for the construction industry) and www.agc-automotive.com (for the automotive industry).

OVERSEAS

AGC Glass Europe
T +32 2 409 30 00 - F +32 2 672 44 62
overseas.sales@agceurope.com