

Solar Control Low-E Glass

The AGC logo is centered in a white square. It consists of the letters 'AGC' in a bold, blue, sans-serif font. The letter 'A' is slightly larger than the 'G' and 'C'. The background of the entire page is a photograph of a modern building's glass facade, showing reflections of the sky and clouds, with a blue tint.

FOCUS ON
ENERGY SAVING IN
TROPICAL CLIMATE

SUNERGY

Versatile with neutral aesthetics

SUNERGY

Sunergy is a high performance pyrolytic coated glass that is highly scratch-resistant and can be bent, tempered and laminated, making it one of the favourite choices for complex architectural projects.

Together with its excellent solar control properties, low reflection and neutral appearance, Sunergy is definitely an ideal product in today's architectural world.

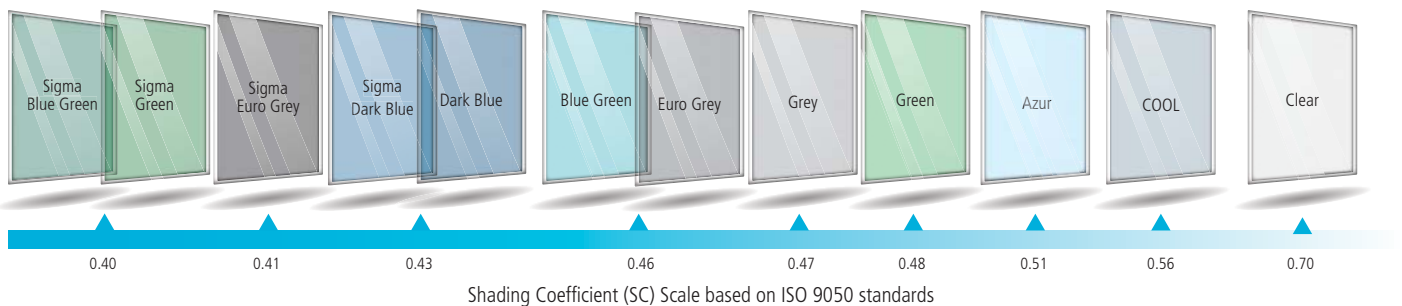
What's so special about it ? | What does this mean for you?

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

Low Emissivity - Delivers thermal insulation properties to keep comfortable temperatures within the building.

Wide variety of visual appearances - Provides architects with an array of aesthetic choices.

Durable Online 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.



Disclaimer: Illustrated colors are only an indication of actual color. Please refer to actual glass samples to get the accurate glass color.



SUNERGY GREEN LOT N, KL SENTRAL - MALAYSIA



SUNERGY CLEAR MELLAT PARK CULTURAL CENTRE - IRAN

Product Range & Processing Options

SUNERGY

SUNERGY	Thickness (mm)					
	3	4	5	6	8	10
Sunergy Clear	•	•	•	•	•	•
Sunergy Cool			•	•	•	
Sunergy Green				•	•	
Sunergy Euro Grey				•	•	
Sunergy Grey				•	•	
Sunergy Azur				•	•	
Sunergy Blue Green				•	•	
Sunergy Dark Blue				•	•	
Sunergy Sigma Green				•	•	
Sunergy Sigma Euro Grey				•	•	
Sunergy Sigma Blue Green				•	•	
Sunergy Sigma Dark Blue				•	•	

Your concerns are... | What are your processing options?

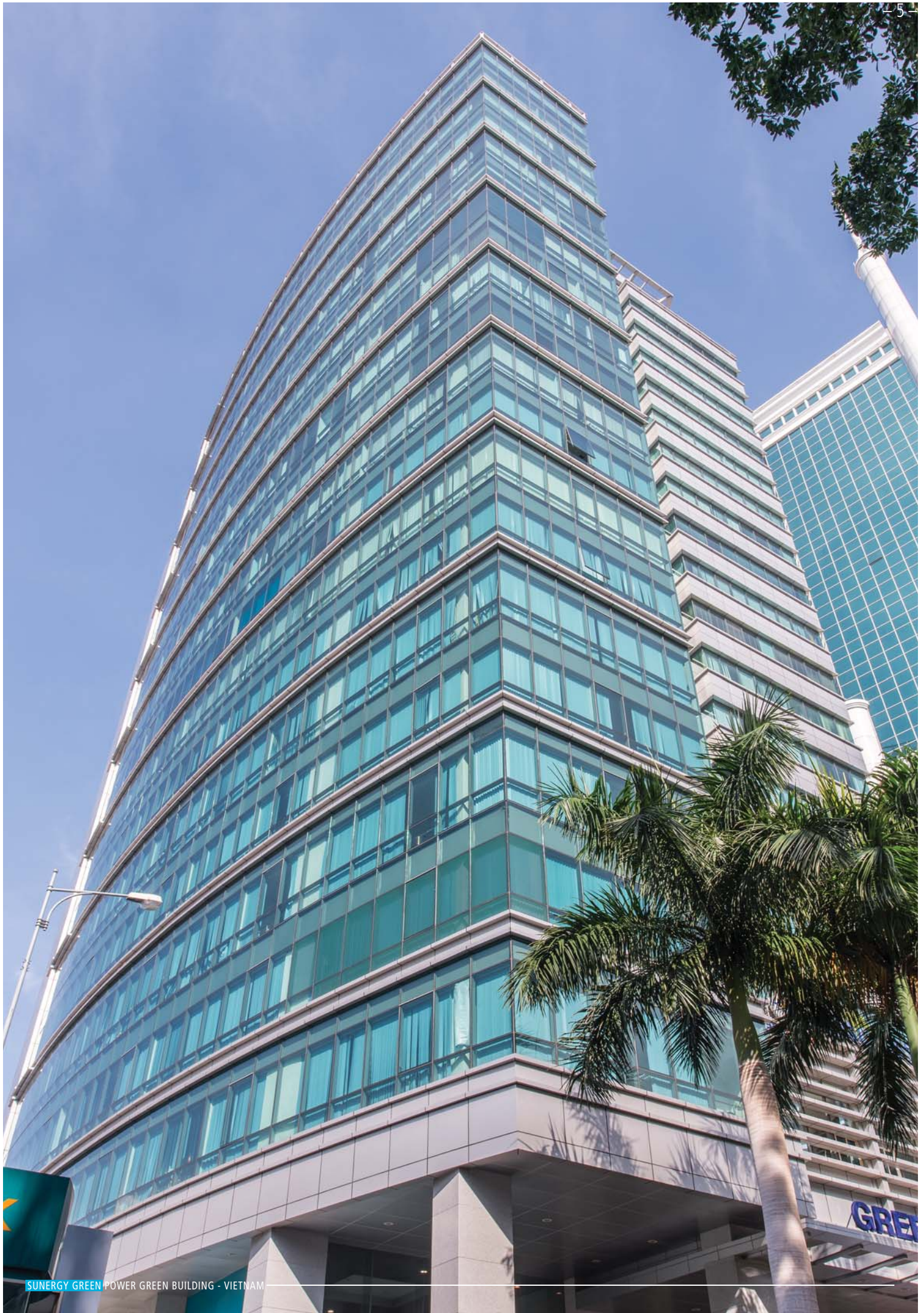
Safety Tempering and Heat Strengthening
Laminating

Insulation Insulating Glass Units

Cutting Straight and Circular (not possible after tempering)

Shaping and Edge Finishing Edge Grinding (not possible after tempering)
Hole Drilling (not possible after tempering)
Notches (not possible after tempering)
Edge Deletion not required

Special Treatment Curving & Bending
Silkscreen Printing



Performance Data

	Light Performances			Energy Performances					U-Value (W/m ² .k) (EN 673)
	VLT (%)	VLR ext (%)	VLR Int (%)	ER (%)	DET (%)	EA (%)	SF (%)	SC	

Single Glass 6mm, Coating Position #2

Sunergy Clear	69	9	11	9	54	37	61	0.70	4.1
Sunergy Cool	50	6	9	7	38	55	48	0.56	4.4
Sunergy Green	56	7	10	6	30	64	42	0.48	4.1
Sunergy Euro Grey	34	6	8	6	28	66	40	0.46	4.1
Sunergy Grey ⁽¹⁾	34	5	9	6	30	64	41	0.47	4.1
Sunergy Azur ⁽¹⁾	56	7	10	6	34	60	44	0.51	4.1
Sunergy Blue Green	47	7	9	6	27	67	40	0.46	4.1
Sunergy Dark Blue ⁽¹⁾	40	6	9	6	26	68	37	0.43	4.1
Sunergy Sigma Green	39	12	27	8	21	71	35	0.40	4.4
Sunergy Sigma Euro Grey	25	8	27	7	22	71	36	0.41	4.4
Sunergy Sigma Blue Green	36	11	27	8	21	71	35	0.40	4.3
Sunergy Sigma Dark Blue	35	10	26	8	24	67	37	0.43	4.4

Single Glass 8mm, Coating Position #2

Sunergy Clear	68	9	11	9	52	40	59	0.68	4.1
Sunergy Cool	50	6	9	7	36	57	47	0.55	4.3
Sunergy Green	51	7	9	6	25	70	38	0.43	4.1
Sunergy Euro Grey	27	5	8	6	22	72	35	0.41	4.0
Sunergy Grey ⁽¹⁾	26	5	8	6	24	70	36	0.41	4.1
Sunergy Azur ⁽¹⁾	52	7	9	6	29	65	40	0.46	4.1
Sunergy Blue Green	42	6	9	5	22	72	36	0.41	4.1
Sunergy Dark Blue ⁽¹⁾	35	6	9	5	21	74	33	0.38	4.1
Sunergy Sigma Green	34	10	28	7	17	76	32	0.37	4.4
Sunergy Sigma Euro Grey	21	7	26	7	18	75	33	0.38	4.3
Sunergy Sigma Blue Green	32	9	27	7	18	76	32	0.37	4.3
Sunergy Sigma Dark Blue	30	9	26	7	20	73	34	0.39	4.3

- Specifications, technical and other data are based on information available at the time of preparation of this document and are subjected to change without notice.
- AGC cannot be held responsible for any deviation between the data introduced and the conditions on site.
- Tempered glass and heat strengthened glass have the potential risk of spontaneous breakage. AGC cannot guarantee against spontaneous breakage due to characteristics of glass.
- For tempered glass, AGC strongly recommends to apply heat soak test to reduce the risk of spontaneous breakage.
- ⁽¹⁾The data are calculated using spectral measurements that conform to standards EN 410 (light & energy performances) and EN 673 (U-values).
- All other data are calculated using spectral measurements that conform to standards ISO 9050 (2003) (light & energy performances) and EN 673 (U-values).
- For any other data combinations kindly contact our sales team.



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