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Production type: **Sunergy**

Solar Control Low-E Glass (Sunergy®)

Solar Control Low-E Glass is online solar control and Low-E coated glass. It has both solar shading feature and heat preservation feature which can keep a comfortable room temperature in all seasons.

The advantage:

1. Stability of aesthetic aspect.
2. Solar control feature and low emission feature.
3. Low light reflection and high light transmission.
4. Easy processing.
5. Not necessary to edge stripping before assembling IGU.
6. Easy to store, the method is just like storing float glass.

Specifications

Structure		Light Properties		Thermal Properties			European U-value	American Standards		
Coating in position 2	Thickness	LT %	LR (Ext) %	EA %	SF %	SC	W/m ² .K	Summer U Value W/m ² .K	Winter U Value W/m ² .K	RHG W/m ²
Sunergy Clear	3mm	69	9	34	63	0.72	4.2	4.33	4.67	487
	4mm	69	9	34	62	0.71	4.2	4.31	4.64	481
	6mm	68	9	37	60	0.69	4.2	4.31	4.59	468
	8mm	67	9	39	59	0.68	4.1	4.29	4.54	462
	10mm	66	8	41	58	0.67	4.1	4.27	4.49	455
Sunergy Green	6mm	56	7	63	42	0.48	4.2	4.55	4.59	338
	8mm	52	7	68	38	0.44	4.1	4.55	4.54	313
Sunergy Azur	4mm	60	8	53	50	0.57	4.2	4.55	4.64	395
	6mm	56	7	60	45	0.52	4.2	4.53	4.59	363
	8mm	52	7	65	41	0.47	4.1	4.53	4.54	331
	10mm	48	7	68	38	0.44	4.1	4.51	4.49	312
Sunergy Dark Blue	6mm	40	6	68	38	0.44	4.2	4.61	4.6	328
	8mm	35	6	74	35	0.39	4.1	4.65	4.6	302

Remarks:

- The value and performance data shown in the tables are test results and not performance guarantees



clearglass

SOLUTIONS

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Applications



- Windows and doors
- Exterior façade for commercial and residential buildings
- Interior applications for furniture and partitions
- Enclosures and lifts

Range

Colors

The full range of SUNERGY glass is available in three colors:
SUNERGY Clear, SUNERGY Green, SUNERGY Azur and SUNERGY Dark Blue.

· Thickness

Standard thickness in 6mm, 8mm and 10mm (see specifications for other thickness)

· Sizes

Standard size in 3210mm x 2250mm, 3210mm x 2550mm & 3210mm x 5100mm