

SUNLUX CHROMA

Highly durable coatings for solar control and thermal insulation



The Sunlux Chroma range by AGC Obeikan Glass presents a new generation of magnetron coated glass products featuring vivid colors. The perfect combination of superior aesthetics and high solar control makes it the right choice for residential buildings and commercial facades in hot climates. Available in three deep and intense shades – Bronze, Blue and Green – Sunlux Chroma products offer an original and colorful appearance to the outside of a building while maintaining a neutral and pleasant aspect when seen from the inside. The products can be heat-treated, laminated, bent, ceramic frit printed and used in monolithic applications*.

Sunlux Chroma

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

<p>New generation of solar control glass combining intense colors and high solar control</p> <p>Three intense coating colors on same clear float glass substrate</p> <p>Superior color consistency</p> <p>Low internal light reflection</p> <p>High durability</p> <p>No edge deletion required**</p>	<ul style="list-style-type: none"> – Choice of three vivid colors – Good solar control with a SHGC not higher than 0.29 (details can be referred to performances table) – Ensures availability of chosen Sunlux Chroma product – High level of privacy for building occupants – Superior color uniformity – Guaranteeing a neutral aspect and a perfect view when looking outside – Can be used in monolithic applications* – Can be heat-treated – Long shelf life – Faster processing
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* Sunlux BlueChroma and Sunlux BronzeChroma can be used in monolithic applications, Sunlux GreenChroma has to be used in insulating glazing unit.
 ** Please follow the processing instructions in the "Sunlux Processing Guide" that can be found on www.agc-obeikanglass.com.sa and www.agc-younglass.com

Performances*

Product name	Coating position	Colour rendering index (%)	EN 410						EN 673	American Standards						
			LT %	SF %	LR % External	LR % Internal	EA %	SC		NFRC 200 & NFRC 300			NFRC 100			
										U _g - value W/(m ² K)	SC	SHGC	RHG (W/m ²)	LSG	U-Factor winter W/(m ² K)	U-Factor summer W/(m ² K)
Monolithic application 6mm on Clear float																
Sunlux BlueChroma	Position 2	98	23	32	21	28	61	0.37	4.8	0.41	0.36	294	0.64	4.87	4.22	
Sunlux BronzeChroma	Position 2	96	15	28	15	3	68	0.32	4.8	0.37	0.32	268	0.47	4.85	4.21	
Insulating glazing unit 6-12-6 Clear float with 100% Air																
Sunlux BronzeChroma	Position 2	97	14	20	15	10	70	0.23	2.5	0.27	0.23	188	0.61	2.40	2.52	
Sunlux BlueChroma	Position 2	98	21	24	22	30	64	0.28	2.5	0.31	0.27	216	0.78	2.40	2.52	
Sunlux GreenChroma	Position 2	97	20	26	32	13	62	0.30	2.5	0.33	0.29	229	0.69	2.45	2.57	
Insulating glazing unit 6-12-6 iplus Solid #3 with 100% Air																
Sunlux BronzeChroma	Position 2	98	11	17	15	8	74	0.19	1.8	0.21	0.18	147	0.61	1.80	1.80	
Sunlux BlueChroma	Position 2	96	17	21	21	22	69	0.24	1.8	0.26	0.22	175	0.77	1.80	1.80	
Sunlux GreenChroma	Position 2	99	17	22	32	10	67	0.25	1.8	0.27	0.23	183	0.74	1.81	1.80	

* The calculations were made with AGC Glass Configurator available at www.agc-younglass.com. All calculations are subject to fabrication tolerances and unit composition.

Processing Options

	Heat treatment	Bending	Lamination	Edge deletion	Ceramic frit	Shelf life
Sunlux Chroma	Yes	Yes	Yes	No*	Yes	12 months

* Please follow the processing instructions in the "Sunlux Processing Guide" that can be found on www.agc-obeikanglass.com.sa and www.agc-younglass.com

Availability

Sunlux Chroma products are available in different thicknesses and different dimensions.