

# SUNLUX CHROMA

The best 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 are easy to process.

## Sunlux Chroma

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

New generation of solar control glass combining intense colors and high solar control	<ul style="list-style-type: none"> <li>Choice of three vivid colors</li> <li>A wealth of design possibilities for residential use or facades of commercial buildings</li> <li>Good solar control with a SHGC not higher than 0.29 (details can be referred to performances table)</li> </ul>
Three intense coating colors on same clear float glass substrate	<ul style="list-style-type: none"> <li>Ensures availability of chosen Sunlux Chroma product</li> </ul>
Superior color consistency	<ul style="list-style-type: none"> <li>High level of privacy for building occupants</li> <li>Superior color uniformity</li> </ul>
Low internal light reflection	<ul style="list-style-type: none"> <li>Guaranteeing a neutral aspect and a perfect view when looking outside</li> </ul>
A unique magnetron sputtering process offering a hard coating	<ul style="list-style-type: none"> <li>Easy to process</li> <li>Can be heat-treated</li> <li>Long shelf life</li> </ul>
No edge deletion needed*	<ul style="list-style-type: none"> <li>Faster processing</li> </ul>

\* Please follow the processing instructions in the "Sunlux Processing Guide" that can be found on [www.agc-obeikanglass.com.sa](http://www.agc-obeikanglass.com.sa) and [www.agc-yourglass.com](http://www.agc-yourglass.com)

## Performances\*

Product name	Coating position	Colour rendering index (%)	EN 410						EN 673	American Standards					
										NFRC 200 & NFRC 300				NFRC 100	
			LT %	SF %	LR % External	LR % Internal	EA %	SC		U <sub>o</sub> - value W/(m²K)	SC	SHGC	RHG (W/m²)	LSG	U-Factor winter W/(m²K)
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	217	0.78	2.40	2.52
Sunlux GreenChroma	Position 2	97	20	26	32	13	62	0.30	2.5	0.33	0.29	230	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-yourglass.com](http://www.agc-yourglass.com). All calculations are subject to fabrication tolerances and unit composition.

## Processing Options

	Heat treatment	Bending	Lamination	Edge deletion	Ceramic frit	Shelf life
Sunlux BronzeChroma	Yes	Yes	Yes	No*	Yes	12 months
Sunlux BlueChroma	Yes	Yes	Yes	No*	Yes	12 months
Sunlux GreenChroma	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](http://www.agc-obeikanglass.com.sa) and [www.agc-yourglass.com](http://www.agc-yourglass.com)

## Availability

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