

# SUNLUX DARK CHROMA

Enjoy intense colors  
and superior solar control



The Sunlux Dark Chroma range by AGC Obeikan Glass presents a second generation of Sunlux Chroma 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 – DarkBlue, DarkGreen and DarkGrey – Sunlux Dark 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 and ceramic frit printed and are easy to process.

## Sunlux Dark Chroma

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

Second 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 0.23 (details can be referred to performances table)</li> </ul>
Three intense coating colors on same clear float glass substrate Superior color consistency	<ul style="list-style-type: none"> <li>Ensures availability of chosen Sunlux Dark Chroma product</li> <li>High level of privacy for building occupants</li> <li>Superior color uniformity</li> </ul>
Very low internal light reflection Low light transmission	<ul style="list-style-type: none"> <li>Guaranteeing a neutral aspect and a perfect view when looking outside</li> <li>Reducing glare</li> </ul>
A unique magnetron sputtering process	<ul style="list-style-type: none"> <li>Resistant coating that can be heat-treated</li> <li>Long shelf life</li> </ul>
No edge-deletion needed*	<ul style="list-style-type: none"> <li>Easy to process</li> </ul>
Saudi Standards, Metrology and Quality Organisation (SASO)	<ul style="list-style-type: none"> <li>Complies with Saudi Building code 601</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>g</sub> - value W/(m²K)	SC	SHGC	RHG (W/m²)	LSG	U-Factor winter W/(m²K)	U-Factor summer W/(m²K)
Insulating double glazing unit 6-12-6 Clear float with 100% Air															
Sunlux Dark BlueChroma	Position 2	99	14	20	16	15	73	0.22	2.4	0.26	0.23	184	0.61	2.34	2.45
Sunlux Dark GreenChroma	Position 2	99	13	19	20	15	73	0.22	2.4	0.26	0.23	183	0.57	2.33	2.44
Sunlux Dark GreyChroma	Position 2	92	11	18	15	11	74	0.21	2.4	0.25	0.22	177	0.51	2.36	2.47
Insulating double glazing unit 6-12-6 iplus Solid #3 with 100% Air															
Sunlux Dark BlueChroma	Position 2	96	12	16	16	12	76	0.19	1.8	0.21	0.18	147	0.67	1.80	1.79
Sunlux Dark GreenChroma	Position 2	96	11	16	20	11	76	0.19	1.8	0.21	0.18	146	0.61	1.80	1.79
Sunlux Dark GreyChroma	Position 2	95	9	15	15	9	77	0.17	1.8	0.20	0.17	137	0.53	1.80	1.79

\* 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 Dark BlueChroma	Yes	Yes	Yes	No*	Yes	12 months
Sunlux Dark GreenChroma	Yes	Yes	Yes	No*	Yes	12 months
Sunlux Dark GreyChroma	Yes	Yes	Yes	No*	Yes	12 months

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## Availability

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