

SUNLUX DARK CHROMA

Enjoy intense colors
and superior solar control



The Sunlux Dark Chroma range by AGC Obeikan Glass represents 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, ceramic frit printed and used in monolithic applications*.

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	– Choice of three vivid colors – Good solar control with a SHGC not higher than 0.23 (details can be referred to performances table)
Three intense coating colors on same clear float glass substrate Superior color consistency	– Ensures availability of chosen Sunlux Dark Chroma product – High level of privacy for building occupants – Superior color uniformity
Very low internal light reflection Low light transmission High durability	– Guaranteeing a neutral aspect and a perfect view when looking outside – Reducing glare – Can be used in monolithic applications* – Resistant coating that can be heat-treated – Long shelf life
No edge-deletion required**	– Easy to process

* Sunlux Dark BlueChroma and Sunlux Dark GreyChroma can be used in monolithic applications. Sunlux Dark 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-yourglass.com

Performances*

Product name	Coating position	Colour rendering index (%)	EN 410						EN 673	American Standards					
			LT %	SF %	LR % External	LR % Internal	EA %	SC	U _g - value W/(m ² K)	NFRC 200 & NFRC 300			NFRC 100		
										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 Dark BlueChroma	Position 2	99	15	27	16	9	71	0.31	4.7	0.37	0.32	263	0.47	4.69	4.02
Sunlux Dark GreyChroma	Position 2	91	12	26	15	4	73	0.30	4.7	0.36	0.31	257	0.39	4.75	4.09
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	0.50	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. All calculations are subject to fabrication tolerances and unit composition.

Processing Options

	Heat treatment	Bending	Lamination	Edge deletion	Ceramic frit	Shelf life
Sunlux Dark 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-yourglass.com

Availability

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