

# SUNLUX SHADOW 20

The most flexible solar control coating



The new Sunlux Shadow 20 (0Ag) coating offers a combination of high solar protection, unique silver aesthetics and great flexibility. It can be used heat-treated, annealed and in a laminated version with coating against the PVB. The modern silver appearance brings Sunlux Shadow 20 an extra value - it matches the recent trends in contemporary architecture. In combination with low-e glass iplus Solid, Sunlux Shadow 20 helps to maintain pleasant indoor temperatures while reducing air conditioning costs. When used as a monolithic spandrel, it allows the architect to implement even the most creative and bold design solutions.

## Sunlux Shadow 20

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

<p><b>High level of solar control</b></p> <p><b>Low light transmission</b></p> <p><b>High external light reflection</b></p> <p><b>A unique magnetron sputtering process</b></p> <p><b>No edge deletion required*</b></p> <p><b>Additional combinations*</b></p>	<ul style="list-style-type: none"> <li>- Helps to avoid heat build-up in hot climate countries</li> <li>- SHGC less than 0.25 (details can be referred to performances table)</li> <li>- Efficient reduction of air conditioning costs</li> <li>- Prevents internal glare issues during day light hours ensuring the perfect indoor comfort</li> <li>- Attractive silver aesthetics in line with the architectural trends</li> <li>- Resistant coating that can be used monolithic (glazing or spandrel)</li> <li>- Long shelf life</li> <li>- Easy and fast to process</li> <li>- Can be used in a laminated version with coating against PVB</li> <li>- Can be used heat-treated or annealed</li> <li>- Can be assembled in double glazing unit (coating in position 2)</li> </ul>
---	--

\* Please follow the processing instructions in the "Sunlux Shadow 20 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						
			LT %	SF %	LR % External	LR % Internal	EA %	SC		NFRC 200 & NFRC 300				NFRC 100		
										U <sub>g</sub> - value W/(m <sup>2</sup> K)	SC	SHGC	RHG (W/m <sup>2</sup> )	LSG	U-Factor winter W/(m <sup>2</sup> K)	U-Factor summer W/(m <sup>2</sup> K)
<b>Insulating double glazing unit 6-12-6 Clear float with 100% Air</b>																
Sunlux Shadow 20	Position 2	96	17	21	31	35	59	0.24	2.5	0.27	0.24	192	0.71	2.42	2.54	
<b>Insulating double glazing unit 6-12-6 iplus Solid #3 with 100% Air</b>																
Sunlux Shadow 20	Position 2	93	14	18	31	26	63	0.21	1.8	0.22	0.19	153	0.73	1.81	1.80	
<b>Insulating double glazing unit 6-16-6 Clear float with 100% Air</b>																
Sunlux Shadow 20	Position 2	96	17	21	31	35	59	0.24	2.4	0.27	0.23	188	0.74	2.42	2.40	
<b>Insulating double glazing unit 6-16-6 iplus Solid #3 with 100% Air</b>																
Sunlux Shadow 20	Position 2	93	14	18	31	26	63	0.20	1.6	0.22	0.19	148	0.75	1.84	1.57	

\* 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 Shadow 20	Yes	Yes	Yes*	No	Yes	12 months

\* Please follow the processing instructions in the "Sunlux Shadow 20 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 Shadow 20 is available in different thicknesses and different dimensions.