

# STOPRAY SMART 18



Superb solar control,  
thermal insulation and glare control

AGC Obeikan Glass presents its Stopray Smart 18 as part of the Stopray Smart family expansion. Apart from providing superb solar control and thermal insulation, this magnetron-coated glazing with a silver layer ensures excellent glare control. Stopray Smart 18 has low internal reflection, providing a comfortable environment inside the building. As all the other Stopray Smart family products, it does not require any edge deletion of the coating\*.

## Stopray Smart 18

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

<p><b>New generation of coatings combining high level of solar control and thermal insulation</b></p> <p>Stopray Smart coatings have been developed for exterior applications in facades on all types of commercial buildings</p> <p>Attractive neutral and silver appearance</p> <p>Low internal light reflection</p> <p>No edge deletion needed*</p> <p>Additional combinations</p>	<ul style="list-style-type: none"> <li>- Products featuring a <math>U_g</math>-value of 1.3 W/(m<sup>2</sup>K) (details can be referred to performances table)</li> <li>- Best balance between a high level of natural light and a low level of heat for harsh Middle East climates</li> <li>- Efficient reduction of air conditioning costs</li> <li>- Lower heating costs</li> <li>- Perfect solution for your aesthetical and functional requirements</li> <li>- In line with current architectural trends</li> <li>- Guarantees a neutral aspect and a perfect view towards the outside world</li> <li>- Ensures comfortable environment inside the building</li> <li>- Easy and fast to process</li> <li>- Remarkable appearance when used in a structural facade</li> <li>- Stopray Smart 18 is used exclusively in double glazing</li> <li>- Can be laminated by a glass processor*</li> </ul>
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\* Please follow the processing instructions in the "Stopray Smart 18 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	U-value W/(m <sup>2</sup> K)	NFRC 200 & NFRC 300				NFRC 100	
<b>Insulating double glazing unit 6-12-6 Clear float with 100% Air</b>															
Stopray Smart 18	Position 2	92	18	15	35	17	51	0.17	1.6	0.18	0.16	126	1.13	1.65	1.59
<b>Insulating double glazing unit 6-16-6 Clear float with 100% Air</b>															
Stopray Smart 18	Position 2	92	18	15	35	17	51	0.17	1.3	0.17	0.15	121	1.20	1.69	1.32

\* 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
Stopray Smart 18	Yes*	Yes	Yes	No**	Yes	9 months

\* For safety reasons this product must be heat-treated

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### Availability

Stopray Smart 18 is available in different thicknesses and different dimensions.