

# STOPRAY VISION

The best coatings for performance and aesthetics



With Stopray Vision, neutral aesthetics and high performance are no longer incompatible. This double silver magnetron coated glass provides high light transmission, low reflection, excellent solar control and thermal insulation. When used in double or triple glazing, Stopray Vision is a perfect solution for the hot Middle East climates. Stopray Grey Vision-24T, Grey Vision-36T, Vision-40T, Vision-51T and Vision-72T must be heat-treated and are available in large sizes, giving architects great freedom and flexibility when designing prestigious projects.

## Stopray Vision

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

- |   |   |
|---|---|
| <p><b>Top level of selectivity</b></p> <p><b>Very high level of solar protection</b></p> <p><b>Better thermal insulation</b></p> <p><b>Four products with four levels of light and energy performances</b></p> <p><b>Low internal light reflection</b></p> <p><b>Low external light reflection</b></p> <p><b>Additional combinations*</b></p> | <ul style="list-style-type: none"> <li>- The best balance between a high level of natural light and a low level of heat throughput</li> <li>- Lower air conditioning costs</li> <li>- <math>U_g</math>-value of 1.3 W/(m<sup>2</sup>K) (details can be referred to performances table)</li> <li>- Capable of meeting all aesthetics and functional requirements</li> <li>- Guarantee a neutral aspect and a perfect view towards outside world</li> <li>- In line with current architectural trends</li> <li>- Used exclusively in double glazing</li> <li>- Can be curved to offer flexibility in design, aesthetics and use</li> <li>- Can be laminated by a glass processor</li> </ul> |
|---|---|

\* Please follow the processing instructions in the "Stopray T Coatings 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		
									$U_g$ - 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 6-16-6 Clear float with 100% Air</b>															
Stopray Grey Vision-24T	Position 2	94	25	17	11	15	70	0.20	1.3	0.21	0.18	140	1.39	1.70	1.34
Stopray Grey Vision-36T	Position 2	90	36	22	9	14	67	0.25	1.3	0.24	0.21	163	1.71	1.69	1.32
Stopray Vision-40T	Position 2	92	40	22	19	15	39	0.25	1.3	0.23	0.20	154	2.00	1.67	1.29
Stopray Vision-51T	Position 2	92	50	28	14	14	39	0.32	1.3	0.29	0.25	194	2.00	1.67	1.29
Stopray Vision-72T	Position 2	95	71	38	13	14	27	0.44	1.3	0.40	0.35	262	2.03	1.70	1.33
<b>Insulating double glazing unit 6-12-6 Clear float with 100% Air</b>															
Stopray Grey Vision-24T	Position 2	93	25	18	11	15	70	0.21	1.6	0.21	0.18	146	1.26	1.66	1.60
Stopray Grey Vision-36T	Position 2	90	36	22	9	14	67	0.25	1.6	0.25	0.22	169	1.64	1.64	1.58
Stopray Vision-40T	Position 2	92	40	22	19	15	39	0.25	1.5	0.23	0.20	159	2.00	1.63	1.56
Stopray Vision-51T	Position 2	92	50	28	14	14	39	0.32	1.5	0.30	0.26	199	1.92	1.62	1.56
Stopray Vision-72T	Position 2	95	71	38	13	14	27	0.44	1.5	0.40	0.35	266	2.03	1.65	1.60

\* 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 Grey Vision-24T	Yes*	Yes	Yes*	Yes**	Yes	3 months
Stopray Grey Vision-36T	Yes*	Yes	Yes*	Yes**	Yes	3 months
Stopray Vision-40T	Yes*	Yes	Yes*	Yes**	Yes	3 months
Stopray Vision-51T	Yes*	Yes	Yes*	Yes**	Yes	3 months
Stopray Vision-72T	Yes*	Yes	Yes*	Yes**	Yes	3 months

\* These coatings must be heat-treated to reach their final performances and aesthetics.

\*\* Please follow the processing instructions in the "Stopray T Coatings 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

Stopray Grey Vision-24T, Grey Vision-36T, Vision-40T, Vision-51T and Vision-72T products are available in different thicknesses and different dimensions.