

# Energy-efficient glazing



GLASS UNLIMITED

FOCUS ON COMFORT  
IN TROPICAL CLIMATE

**STOPRAY® ACE**

# Stopray<sup>®</sup> ACE

## High Performance Glazing For Tropical Climate!

Stopray ACE is a high performance glazing with numerous coatings of silver applied in a vacuum, providing excellent solar control and thermal insulation. This product is developed specifically for tropical climates, particularly in South East Asia, to meet low shading coefficient requirements and to reduce the air-conditioning and energy cost.

Stopray ACE is available in both post temperable and non temperable version, providing options depending on the building specifications. It offers fast and efficient supply ability.

### APPLICATION

Stopray ACE is designed to be used exclusively in double glazing, for exterior applications in building facades.

### BENEFITS

#### Low Shading Coefficient

- Very low shading coefficient (SC) ranging from 0.28-0.37 in double glazing 6-Air12-6
- Ideal for tropical climate countries where solar heat control is important

#### Superior Appearances

- Attractive neutral looks, with option of neutral bluish or neutral greyish reflection for Stopray ACE 52T
- Lower Reflectance with neutral greyish color for Stopray ACE 42T
- Higher Transmittance with neutral color for Stopray ACE 60T

#### Excellent Selectivity

- Selectivity up to 2 (Ratio of light transmission to solar factor), thus stopping most of the solar heat penetration but not the natural light

#### Post Temperable Version

- Enable local processing for shorter lead time and efficient supply

#### Enhanced Thermal Insulation

- U-value of 1.6 (in double glazing 6-Air12-6)

### PERFORMANCES

Double glazing 6-12-6 (with Air)	Coating Position	Post temperable	Colour	Light Performances		Energy Performances			Shading Coefficient (SC)	Solar Factor (%)	U-value	Selectivity (LT/SF)
				ISO 9050							ISO 10292	
				LT (%)	LR (%)	ER (%)	DET (%)	EA (%)			W/(m <sup>2</sup> ·K)	
<b>NEW</b> Stopray ACE42T	#2	Yes	Neutral Greyish	42	16	35	21	44	0.28	25	1.6	1.7
Stopray ACE 52T-G	#2	Yes	Neutral Greyish	51	30	46	23	31	0.30	26	1.6	2.0
Stopray ACE 52T-B	#2	Yes	Neutral Bluish	52	29	46	23	31	0.29	26	1.6	2.0
Stopray ACE 60T	#2	Yes	Neutral	64	18	40	30	30	0.38	34	1.6	1.9
Stopray ACE 52	#2	No	Neutral Bluish Silver	52	24	41	23	36	0.30	26	1.6	2.0
Stopray ACE 60	#2	No	Neutral Bluish	60	17	37	29	34	0.37	32	1.6	1.9

#### Remarks:

- Stopray ACE T coating must be tempered to reach its final performances.
- Please follow the processing instructions in the "Stopray ACE (T) Processing Guide."
- Care must be taken to ensure the coating does not come into contact with PVB.
- Specifications, technical and other data are based on information available at the time of preparation of this document and are subject to change without notice. AGC Asia Pacific cannot be held responsible for any deviation between the data introduced and the conditions on site.

