



## ISOLITE SKY BLUE

Isolite glass provides solar control by absorbing some of the sun's direct radiation, which softens the brightness of daylight. It only transmits the optimum amount of light and protects against unwanted UV radiations, while reducing heat intake and creating an ideal and private interior setting.

## APPLICATIONS

### Isolite Sky Blue: Performance Data For Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy			Solar Factor	SHGC	SC	U-Value W/M2K
		Transmittance %	Reflectance Ext. %	Reflectance Int. %	Transmittance %	Reflectance %	Absorption %				
6 MM	18	58	6	6	53	12	35	0.6	0.61	0.68	5.7
8 MM	15	52	5	5	42	14	44	0.56	0.55	0.64	5.6
10 MM	11	44	5	5	37	16	47	0.51	0.52	0.60	5.6

- Performance data is based on representative samples of factory production. Actual values may vary slightly due to variations in the production process.
- Tabulated data is based on NFRC methodology using the LBL windows 5.2 software and where noted European methodology using WinDat WIS version 3.0.1 software.
- SF = Solar Factor (EN410) also known as g-value

### Isolite Sky Blue: (Performance Data For IG Units 6mm/16mm Air Space/6mm)

	VLT	Visible Light Reflectance		SC	Solar Factor (G) En 410	U-value Imperial		U-value En 673 W/m²*k
		Ext.	Int.			Winter	Summer	
SG 500 - Hard coat Low E#3	48%	10%	17%	0.51	0.44	1.90	1.80	1.80
Single silver low-E#3	42%	12%	15%	0.48	0.42	1.80	1.60	1.60

Data considers 16mm airspace and based on NFRC & EN 673. Other glass thickness is available. See literature or visit [www.sphinxglass.com](http://www.sphinxglass.com) for additional values.