

## ISOLITE DARK BRONZE

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.

For customers in search of even more privacy, Isolite Dark Bronze is a bold visual statement, with richer and darker tones that offer greater comfort and seclusion

### Isolite Dark Bronze: Performance Data For Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						
Isolite Dark Bronze	%	%	%	%	%						
(MM)	Transmittance	Transmittance	Reflectance Outdoors	Reflectance Indoors	Transmittance	Reflectance	Absorption	Solar Factor EN410	SHGC	SC	U Value W/M2K
4	27	57	6	6	54	6	40	0.64	0.64	0.72	5.8
5	24	53	6	6	49	6	45	0.6	0.61	0.69	5.7
6	20	46	6	6	43	5	52	0.55	0.56	0.63	5.7
8	18	37	5	5	33	5	58	0.48	0.49	0.56	5.6
10	12	31	5	5	29	5	64	0.45	0.46	0.52	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 NRFC 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 Dark Bronze:

#### (Performance Data For IG Units 6mm/16mm Air Space/6mm)

	Visible light Transmission VLT	Visible light Reflectance		SC	Solar Factor(g)EN 410	U-Value Imperial		U-Value EN 673 W/m <sup>2</sup> *K
		Ext.	Int.			Winter	Summer	
Trulite Clear	%	7%	12%	0.45	0.39	2.80	2.70	2.70
SG 500 - Hard coat								
Low E#3	40%	9%	15%	0.41	0.36	1.90	1.80	1.80
Single Silver Low E#3	35%	8%	12%	0.40	0.35	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.