

## ISOLITE COAL GREY

Isolite Coal Grey glass delivers optimum levels of solar control together with a fashionable, nearly black appearance.

In a 24mm insulating unit, insulating unit, Isolite Coal Grey glass has a Solar Heat Gain Coefficient of 0.34, which is also among the lowest available for any uncoated glass. In addition, Isolite Coal Grey glass helps protect interior fabrics and colors from fading by blocking up to 94% of the sun's ultraviolet energy- more than any architectural glass on the market today.

## APPLICATIONS

### Isolite Coal Grey: Performance Data for Monolithic Glass

Glass Configuration	UV	Visible Light			Solar Energy						U-Value W/M2K
	Transmittance %	Transmittance %	Reflectance Ext. %	Reflectance Int. %	Transmittance %	Reflectance %	Absorption %	Solar Factor	SHGC	SC	
5 MM	8	15	5	5	27	16	57	0.49	0.50	0.56	5.8
6 MM	7	14	5	5	26	17	55	0.47	0.48	0.55	5.7
8 MM	6	12	5	5	22	19	59	0.42	0.43	0.48	5.6
10 MM	4	8	5	6	18	22	62	0.34	0.35	0.39	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 Coal Grey:

### Performance Data for IG Unit Glass (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	
Trulite Clear	12	5	12	0.39	0.34	2.8	2.7	2.7
SG 500 - Hard coat Low E#3	10	7	13	0.34	0.3	1.9	1.8	1.8
Single silver low-E#3	8	6	11	0.32	0.27	1.8	1.6	1.6

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.