

SilverScreen

January 2005

All presented data calculated in WIS 3.0.1. (Advanced Windows Information System) with spectral data.

Specifications and other data are based on information available at the time of preparation of this document and are subject to production tolerances and/or change without prior notice.

	glazing	black		dark grey		white		beige		light grey	
		SilverScreen	Standard screen	SilverScreen	Standard screen	SilverScreen	Standard screen	SilverScreen	Standard screen	SilverScreen	Standard screen
Solar Transmission		5%	5%	5%	6%	6%	21%	5%	20%	5%	18%
Solar Reflection Outside		75%	5%	76%	9%	74%	68%	74%	61%	75%	52%
Light Transmission		5%	5%	5%	5%	6%	20%	5%	19%	5%	17%
Light Reflection Outside		74%	5%	74%	8%	73%	77%	73%	68%	74%	58%
UV Transmission		5%	5%	5%	5%	5%	5%	4%	5%	5%	5%
Openness Factor (nominal)		4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Ra (colour rendering index)		99	100	99	99	99	95	99	88	100	94

Solar control glazing * * calculation with Solar control glazing according to EN410 and ISO15099 without ventilation

Light Transmission	67%	4%	3%	3%	4%	4%	14%	4%	12%	4%	11%
g-value	37%	14%	31%	14%	31%	14%	15%	14%	17%	14%	20%
U-value (W/m ² .K)	1,1	0,7	0,8	0,7	0,8	0,7	0,9	0,7	0,9	0,7	0,9

Single 3mm clear * * calculation with single 3 mm glass according to EN410 and ISO15099 without ventilation

Light Transmission	90%	5%	5%	4%	5%	6%	19%	5%	17%	5%	15%
g-value	87%	20%	52%	20%	51%	21%	28%	21%	31%	20%	35%
SC	100%	23%	60%	23%	58%	24%	32%	24%	36%	23%	40%
U-value (W/m ² .K)	5,3	1,7	2,6	1,7	2,6	1,7	2,6	1,7	2,6	1,7	2,6

Double 6 mm clear * * calculation with double 6 mm glass according to EN410 and ISO15099 without ventilation

Light Transmission	79%	5%	4%	5%	5%	6%	20%	5%	18%	5%	15%
g-value	74%	23%	54%	23%	53%	24%	30%	24%	34%	24%	37%
SC	85%	26%	62%	26%	61%	28%	34%	28%	39%	28%	43%
U-value (W/m ² .K)	2,6	1,2	1,7	1,2	1,7	1,2	1,7	1,2	1,7	1,2	1,7

Low-E glazing * * calculation with Low-E mm glazing according to EN410 and ISO15099 without ventilation

Light Transmission	80%	5%	4%	5%	4%	6%	20%	5%	18%	5%	15%
g-value	63%	24%	52%	24%	50%	25%	29%	25%	32%	25%	36%
SC	72%	28%	60%	28%	57%	29%	33%	29%	37%	29%	41%
U-value (W/m ² .K)	1,2	0,7	0,9	0,7	0,9	0,7	0,9	0,7	0,9	0,7	0,9