



SilverScreen

Performance Data of SilverScreen

SilverScreen performs highly colour independent. This table shows performances of white, black and a mid grey colours. Calculations of other colours on request, but will show similar results.

	glazing performance	White		Misty Grey		Black	
		SilverScreen	Common screen	SilverScreen	Common screen	SilverScreen	Common screen
Solar transmission*		6%	21%	5%	14%	4%	5%
Solar reflection outside*		77%	68%	75%	39%	76%	5%
Light transmission*		6%	20%	5%	12%	4%	5%
Light reflection*		76%	76%	75%	42%	75%	5%
Openness Factor		4%	4%	4%	4%	4%	4%
UV transmission		5%	5%	4%	4%	4%	4%
Colour rendering index		100	95	100	92	99	95
High Performance glazing							
Light transmission	67%	4%	17%	4%	9%	4%	3%
g-value	37%	13%	15%	14%	24%	14%	32%
SC (Shading coefficient)	43%	15%	17%	16%	28%	16%	37%
U-value in W/m ² K	1.1	0.7	0.9	0.7	0.9	0.7	0.9
Low-E glazing							
Light transmission	80%	5%	20%	4%	11%	4%	4%
g-value	63%	24%	29%	25%	41%	25%	52%
SC (Shading coefficient)	72%	28%	33%	29%	47%	29%	60%
U-value in W/m ² K	1.2	0.7	0.9	0.7	0.9	0.7	0.9
6 mm double clear glazing							
Light transmission	79%	5%	20%	5%	11%	4%	4%
g-value	74%	23%	30%	23%	43%	23%	55%
SC (Shading coefficient)	85%	26%	34%	26%	49%	26%	63%
U-value in W/m ² K	2.8	1.2	1.8	1.2	1.8	1.2	1.8
6 mm single solar bronze glazing							
Light transmission	53%	3%	12%	3%	7%	3%	3%
g-value	61%	16%	23%	16%	29%	16%	36%
SC (Shading coefficient)	70%	18%	26%	18%	33%	18%	41%
U-value in W/m ² K	5.8	1.7	2.7	1.7	2.7	1.7	2.7
6 mm single clear glazing							
Light transmission	89%	6%	21%	5%	11%	4%	5%
g-value	84%	19%	27%	20%	40%	20%	52%
SC (Shading coefficient)	97%	22%	31%	23%	46%	23%	60%
U-value in W/m ² K	5.8	1.7	2.7	1.7	2.7	1.7	2.7
3 mm single clear glazing							
Light transmission	90%	6%	21%	5%	12%	5%	5%
g-value	87%	19%	28%	20%	41%	20%	54%
SC (Shading coefficient)	100%	22%	32%	23%	47%	23%	62%
U-value in W/m ² K	5.8	1.7	2.7	1.7	2.7	1.7	2.7

* Measurement of SilverScreen properties by TNO, in compliance with EN 410.

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

Calculations are in compliance with EN 13363-2 (ISO 15099)

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.