

Solar Series.

Residential & Commercial Film Performance

Film Code & Colour	Total Energy Rejection (Heat)	"SHGC (see note 2)"	Visible Light Transmitted	Visible Light Reflected (External)	Ultra Violet Rejected	Shading Co-Efficient	"U-Value (W/M2.K) (See Note 3)"	Glare Reduction	Solar Energy Reflected	Solar Energy Absorbed	Estimated Fade Reduction (See Note 1)	W.E.R.S Star Rating	
												C*	H*
6mm Clear Glass	14%	0.86	90%	8%	29%	1.00	5.85	0%	8%	9%	22%		
R15 Grey	77%	0.23	6%	13%	99%	0.26	5.23	93%	36%	57%	81%		
R20 Silver	80%	0.20	15%	62%	>99%	0.22	5.11	83%	57%	32%	80%	★★★☆	
N1020 Neutral	63%	0.37	23%	30%	>99	0.42	5.85	74%	27%	52%	74%	★★☆	
N1020 Bronze	77%	0.23	21%	37%	>99%	0.27	5.11	77%	49%	38%	79%	★★	
N1035 Neutral	51%	0.49	37%	19%	99%	0.56	5.96	59%	17%	49%	67%		
N1035 Bronze	64%	0.36	37%	26%	99%	0.41	5.23	59%	37%	37%	70%	★★☆	
N1050 Neutral	41%	0.59	50%	14%	99%	0.68	6.08	44%	12%	42%	63%	★☆☆	
N1065 Neutral	28%	0.72	69%	10%	99%	0.83	6.08	23%	9%	27%	56%		
RHE20 Silver	80%	0.20	16%	62%	>99%	0.22	5.91	82%	63%	25%	82%		
RHE35 Silver	70%	0.35	29%	48%	>99%	0.35	5.91	68%	50%	29%			
RHE50 Silver	52%	0.48	49%	26%	>99%	0.55	5.91	46%	30%	32%			
NHE20 Neutral	64%	0.36	23%	30%	>99%	0.42	5.91	74%	29%	50%			
NHE35 Neutral	51%	0.49	38%	19%	>99%	0.56	5.91	58%	18%	48%			
NS10 Grey	69%	0.31	7%	11%	>99%	0.35	5.40	92%	26%	60%	81%	★★★★	
NS18 Grey	62%	0.38	16%	12%	>98%	0.43	5.70	82%	11%	69%	76%	★★	
NS22	63%	0.36	22%	n/a	99%	0.39	5.23	76%	31%	46%			
NS28 Grey	56%	0.44	27%	13%	>98%	0.50	5.80	69%	11%	60%	71%	★☆☆	
NS36	54%	0.46	36%	n/a	99%	0.52	5.40	61%	22%	45%			
V14 Sky Blue	80%	0.20	10%	55%	>99%	0.23	5.79	89%	51%	42%	81%	★★★★	
V28 Sky Blue	64%	0.36	30%	33%	>99%	0.41	5.74	67%	33%	44%	74%	★★☆☆	
V38 Sky Blue	57%	0.43	39%	26%	>99%	0.49	5.74	57%	26%	44%	69%	★★	
Ceramic 35	55%	0.45	36%	10%	>99%	0.53	5.96	60%	12%	62%			
Ceramic 55	41%	0.59	57%	9%	>99%	0.69	5.96	37%	11%	43%			

Data above relates to films as applied to 6mm clear glass. All values are intended for design use only. Materials used are subject to normal manufacturing tolerances. Note 1: The data in this column is a guide enabling an estimate only of fade reduction. As there are many variables that cause fading, it would be impossible to give an exact figure. The data in this column, therefore, does not constitute a warranty. Note 2: This is not a weighted number. The SHGC number provided applies only to the film/glass combination. Note 3: This is a winter median U-value and represents a centre-of-glass data only.

For comprehensive WERS data on film/frame types: go to: <https://www.awawers.net/filmres/reslist/MEP>