

FILM SPECIFIERS GUIDE - Residential and Commercial Film Performance

FILM CODE AND COLOUR	TOTAL ENERGY REJECTION (HEAT)	SHGC <small>(see note 2)</small>	VISIBLE LIGHT TRANSMITTED	VISIBLE LIGHT REFLECTED (EXTERNAL)	ULTRA VIOLET REJECTED	SHADING CO-EFFICIENT	U-VALUE (W/ M2.K)	GLARE REDUCTION	SOLAR ENERGY REFLECTED	SOLAR ENERGY ABSORBED	ESTIMATED FADE REDUCTION (SEE NOTE 1)	W.E.R.S. STAR RATING	
												C*	H*
SOLAR SERIES													
6mm Clear Glass	19%	0.8	88%	8%	38%	0.9	5.7	12%	7%	16%	32%		
R15 Bronze	76%	0.2	8%	18%	>98%	0.3	5.2	91%	34%	57%	82%		
R15 Grey	74%	0.3	7%	13%	>98%	0.3	5.2	92%	30%	61%	81%		
R20 Silver	79%	0.2	15%	60%	>98%	0.3	5.3	83%	55%	33%	81%	5	
R35 Silver	68%	0.3	28%	44%	>98%	0.4	5.3	68%	43%	35%	75%		
N1020 Neutral	63%	0.4	24%	28%	>98%	0.4	5.7	73%	26%	52%	75%		
N1020 Bronze	77%	0.2	19%	38%	>98%	0.3	5.3	78%	48%	39%	79%		
N1035 Neutral	53%	0.5	40%	18%	>98%	0.5	5.7	55%	14%	52%	69%	2.5	0.5
N1035 Bronze	62%	0.4	37%	25%	>98%	0.4	5.3	58%	35%	37%	72%	4	
N1050 Neutral	44%	0.6	48%	13%	>98%	0.6	5.7	45%	12%	40%	64%	2	0.5
N1065 Neutral	31%	0.7	63%	11%	>98%	0.8	5.7	28%	9%	30%	57%		
DL15 Bronze	61%	0.4	14%	9%	>98%	0.4	5.5	84%	15%	61%	77%		
DL15 Grey	58%	0.4	15%	9%	>98%	0.4	5.5	83%	15%	59%	76%	4	
RK20 Silver	81%	0.2	18%	63%	>98%	0.2	5.7	80%	65%	22%	81%		
NS10 Grey	73%	0.3	6%	13%	>98%	0.3	5.7	93%	20%	68%	81%	4	
NS18 Grey	62%	0.4	16%	12%	>98%	0.4	5.7	82%	11%	69%	75%	3	
NS28 Grey	56%	0.4	27%	13%	>98%	0.5	5.8	69%	11%	60%	70%	3.5	
V14 Sky Blue	78%	0.2	12%	54%	>98%	0.3	5.8	87%	50%	40%	81%		
V28 Sky Blue	65%	0.4	27%	34%	>98%	0.4	5.8	70%	33%	45%	75%	3.5	
V38 Sky Blue	56%	0.4	37%	27%	>98%	0.5	5.8	58%	25%	44%	70%		
SAFETY SERIES													
SCL (4) Clear	14%	0.9	87%	9%	>98%	1.0	6.3	1%	7%	7%	47%		
SCLERPS 4 - EXTERNAL	14%	0.9	87%	9%	>98%	1.0	6.3	1%	7%	7%	47%		
SSI (4) Silver	79%	0.2	15%	60%	>98%	0.2	5.3	83%	55%	33%	81%	5	
MASF 4	47%	0.5	36%	10%	>98%	0.6	5.8	60%	9%	52%	65%		
N1035 (4) Neutral	53%	0.5	35%	19%	>98%	0.5	5.7	60%	17%	48%	69%	2.5	0.5
N1050 (4) Neutral	44%	0.6	48%	13%	>98%	0.6	5.7	45%	12%	40%	64%	2	0.5
SCL (7) Clear	14%	0.9	87%	10%	>98%	1.0	6.3	1%	9%	7%	47%		
SCL (8) Clear	14%	0.9	87%	10%	>98%	1.0	5.9	1%	9%	7%	47%		
N1050 (8) Neutral	44%	0.6	48%	13%	>98%	0.6	5.7	45%	12%	40%	64%	2	0.5
SCL (11) Clear	14%	0.9	87%	10%	>98%	1.0	6.3	1%	9%	7%	47%		
MATT SERIES													
NRM PS (2) Translucent White	28%	0.7	69%	20%	>98%	0.8	6.2	22%	18%	15%	55%		
NRM MPS (3) Black Out	72%	0.3	0%	13%	>98%	0.3	6.2	100%	11%	89%	83%		
NRM WPS (3) White Out	78%	0.2	7%	58%	>98%	0.3	6.2	92%	49%	41%	83%		
DECORATIVE SERIES													
DUST ETCH	INTERNAL DECORATIVE APPLICATION												
SAND ETCH	No solar performance figures available												
3M FILMS													
Dusted Crystal	INTERNAL DECORATIVE APPLICATION												
Frosted Crystal	INTERNAL DECORATIVE APPLICATION												
Coloured Crystal	No solar performance figures available												
Haze Sandblast	No solar performance figures available												

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.

* C = Cooling, H = Heating

FILM SPECIFIERS GUIDE - Auto Film Performance

FILM CODE	COLOUR	TOTAL ENERGY REJECTION (HEAT)	VISIBLE LIGHT TRANSMITTED	VISIBLE LIGHT REFLECTED (EXTERNAL)	ULTRA VIOLET REJECTED	GLARE REDUCTION	NON METALLISED	VACUUM METALLISED	POROUS SPUTTERED	SCRATCH RESISTANT COATING	ADHESIVE TYPE
EMINM - NON METALLISED, LIFETIME WARRANTY											
AT EMINM 35	JADE	50%	35%	10%	>98%	60%	✓	-	-	✓	HPR
AT EMINM 17	DARK JADE	56%	17%	8%	>98%	80%	✓	-	-	✓	HPR
STEALTH - METALLISED , 10 YEAR WARRANTY											
ATR 30 CH	MEDUIM CHARCOAL	58%	30%	10%	>98%	65%	-	✓	-	✓	HPR
ATR 35AG	BLACK CHARCOAL	56%	35%	10%	>98%	60%	-	✓	-	✓	HPR
GRANGE - POROUS SPUTTERED, LIFETIME WARRANTY											
APT 05 GH	VERY DARK GREY	67%	5%	10%	>98%	95%	-	-	✓	✓	HPR
APT 18 GH	DARK GREY	66%	15%	11%	>98%	83%	-	-	✓	✓	HPR
APT 28 GH	MEDUIM DARK GREY	61%	24%	12%	>98%	73%	-	-	✓	✓	HPR
APT 38 GH	MEDIUM GREY	58%	35%	10%	>98%	60%	-	-	✓	✓	HPR
APT 50 GH	LIGHT GREY	51%	46%	10%	>98%	48%	-	-	✓	✓	HPR
ULTIMA - PREMIUM SPUTTERED, LIFETIME WARRANTY											
APTE 35 GH	SHADOW GREY	60%	35%	10%	>98%	60%	-	-	✓	✓	HPR
MAGNUM AUTO SECURITY FILM - METALLISED, 10 YEAR WARRANTY											
MASF 35	MEDIUM GREY	56%	35%	10%	>99%	60%	-	✓	-	✓	PS

All auto tints must comply with Local Regulations. Some tints may require special permits.

All data tested on Pilkington auto glass green 4mm with a 78% VLT.

HPR (High Performance Resin Adhesive) is a trademark of CPFilms.