



Pilkington **Eclipse™** Silver
Reflective solar control glass

Pilkington Eclipse™ Silver - technical performance

Glass product	Light (%)			Solar radiant heat (%)				Total Shading Coefficient	U _g [W/m ² K]
	Transmittance	Reflectance external	Reflectance internal	Direct transmittance	Reflectance	Absorptance	Total transmission		Argon (90%)
6 mm Pilkington Eclipse™ Silver	63	34	35	64	24	12	66	0.76	5.7
8 mm Pilkington Eclipse™ Silver	62	33	35	61	23	16	64	0.74	5.6
6 mm Pilkington Eclipse™ Silver – 16 mm – 4 mm Pilkington Optitherm™ S3	58	36	34	42	37	22	48	0.55	1.1
6 mm Pilkington Eclipse™ Silver – 16 mm – 4 mm Pilkington Optitherm™ S1A	54	38	37	34	43	23	41	0.47	1.0
6 mm Pilkington Eclipse™ Silver – 16 mm – 4 mm Pilkington Optifloat™ Clear – 16 mm – 4 mm Pilkington Optitherm™ S3	54	39	36	38	37	25	45	0.52	0.9
6 mm Pilkington Eclipse™ Silver – 16 mm – 4 mm Pilkington Optifloat™ Clear – 16 mm – 4 mm Pilkington Optitherm™ S1A	50	41	39	31	42	27	38	0.44	0.8
6 mm Pilkington Eclipse™ Silver – 16 mm – 4 mm Pilkington Optitherm™ S3 T – 16 mm – 4 mm Pilkington Optitherm™ S3	53	37	33	33	39	28	41	0.47	0.6
6 mm Pilkington Eclipse™ Silver – 16 mm – 4 mm Pilkington Optitherm™ S3 T – 16 mm – 4 mm Pilkington Optitherm™ S1A	49	39	36	28	42	30	37	0.43	0.5

The above performance data has been determined in accordance with EN 410 and EN 673. Solar control coating on surface 2 and low-e coating on surface 3 or 5 (counting from the outside).

Pilkington **Eclipse™** Silver is an on-line coated, highly reflective solar control glass offering good light transmittance, medium solar control with an external light reflection of 34%. Pilkington **Eclipse™** Silver is a very versatile product and may be used in a wide variety of commercial applications. For applications that require a highly reflective glass such as façades,

Pilkington **Eclipse™** Silver is the perfect choice. When used in combination with other thermally efficient glass products such as those from the Pilkington **Optitherm™** range a U_g value of only 1.0 W/m²K can be achieved in an IGU.

Pilkington **Eclipse™** Silver may also be used in single glazing applications for the white goods market due to its robustness and pleasing aesthetics.

The glass is available in thicknesses 6 and 8 mm thickness in stock sizes up to 6000 × 3210 mm.



Benefits:

- Pyrolytic on-line coated reflective glass.
- Can be used in monolithic form or incorporated in insulating glass units.
- Can be laminated, toughened and bent.
- It is durable, easy to handle and process.
- No edge deletion is required.
- Unlimited shelf life.

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