

KoolShade micro-louvre light diffusion test - black KoolShade

The table shows values for summer solar transmittance of black Koolshade mounted externally on a south facing window compared to alternative shading devices (BRE Test Report No.. 219204 - August 2004)

	Best for	Relative total solar transmittance	Relative daylight transmittance		Adjust	Privacy	Glare control
		Summer	Diffuse	Back room			
Clear double glazing - no shading		1	1	1	X	X	X
Overhang	S	0.55	0.61	0.72	✓	X	✓✓
Light shelf	S	0.51	0.52	0.90	✓	X	✓✓
External louvre	H	Shut: 0.04 Open: 0.26	Shut: 0.03 Open: 0.32	Shut: 0.03 Open: 0.50	✓	✓✓✓	✓✓?
Tinted glazing	SEWH	0.71	0.49	0.49	X	✓✓	✓
Heat mirror glazing	SEWH	0.66	0.79	0.79	X	✓	X
Widow film	SEWH	0.51	0.33	0.33	X	✓✓	✓
Reduce window area	Any	0.50	0.50	0.50	X	✓	X
Mid-pane Venetian	NSEW	Shut: 0.43	Shut: 0.03 Open: 0.32	Shut: 0.03 Open: 0.50	✓✓	✓✓✓	✓✓✓?
Fixed mid-pane louvres	H	0.37	0.60	0.68	✓	✓✓✓	✓✓
Curtains	Any	0.50	0.06	0.06	✓✓✓	✓✓✓	✓✓✓?
Venetian blind	Any	0.57	Shut: 0.03 Open: 0.32	Shut: 0.03 Open: 0.50	✓✓✓	✓✓✓	✓✓✓?
Roller blind	Any	0.43	0.06	0.06	✓✓✓	✓✓✓	✓✓✓?
Reflective roller blind	Any	0.34	0.04	0.04	✓✓✓	✓✓	✓
Koolshade	ESW	0.31	0.25	0.45	✓	✓✓✓✓✓	✓✓