Classic
PLANTATION SHUTTERS

EFFICIENCY TEST ONE

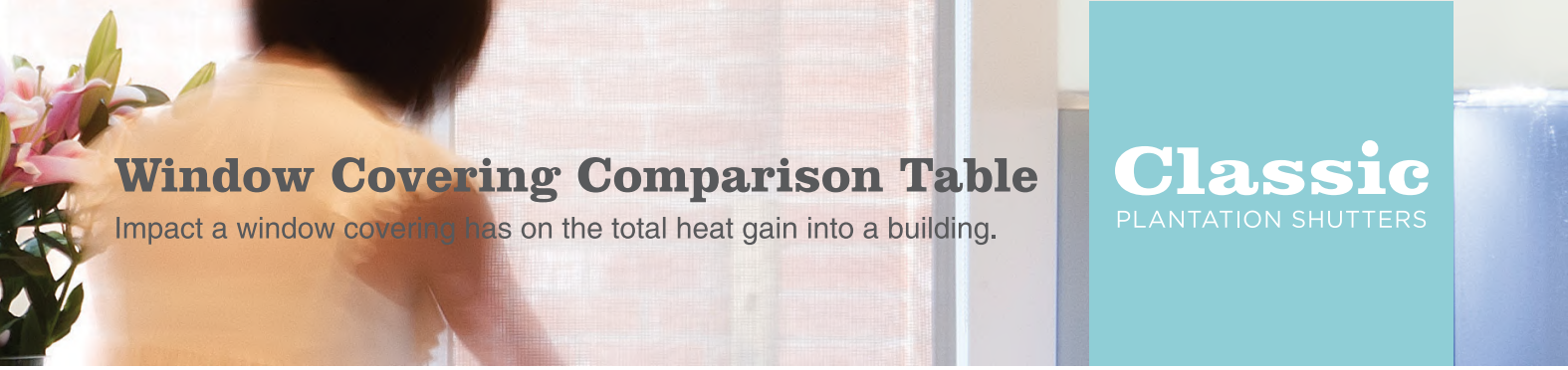
Impact a window covering has on the total heat gain into a building.

This energy rating system has been developed following a comparison study over a 18 to 24 month period where a range of products were tested in identical facilities using the same procedures and methodology as outlined in the Report “A Comparison Study of Various Window Coverings” This report can be viewed at www.classicblinds.com.au/comparison_study/.aspx

Results are based on two identical chambers, one set up with a pane of glass and the other with a range of window coverings. A comparison of the differences in temperature were measured over 9.5 hour period. A 60mm polystyrene block was measured as the ultimate window covering which we rated as A+, indicating lower energy usage than a window covering with a rating of D. Colour was found to be a major driver with satin white colours vastly outperforming satin black.

Data taken from “A Comparison Study of Various Window Coverings” peer reviewed by The University of Newcastle’s consulting arm Newcastle Innovation

Data from study undertaken on behalf of Classic Blinds and Shutters by Dr D Alterman Faculty of Engineering University of Newcastle.



Window Covering Comparison Table

Impact a window covering has on the total heat gain into a building.

Classic
PLANTATION SHUTTERS

ENVIRONMENT EFFICIENCY KEY

A+ 35%+	A 30-35%	B 25-30%	C 20-25%	D 15-20%	E 10-15%	F 5-10%	G 0-5%

WINDOW COVERING EFFICIENCY RATING

WINDOW COVERING	FABRIC TYPE	SATIN WHITE COLOUR		SATIN BLACK COLOUR	
External Awnings	Panel Blind Screen Fabric (Face Fit)	25.7%	B	26.8%	B
	Panel Blind VU Screen Fabric (Face Fit)	29.9%	B	30.1%	A+
	Panel Blind Translucent Fabric (Face Fit)	26.2%	B	27.2%	B
Curtains	Blockout Fabric	16%	D	12.8%	E
External Shutters	Aluminium Shutter (Reveal Fit)	38.7%	A+	29.5%	B
	Western Red Cedar (Reveal Fit)	40.4%	A+	35.3%	A+
Roller Blinds	Blockout Fabric (Face Fit Internal)	18.3%	D	18.8%	D
	Blockout Fabric (Reveal Fit Internal)	22%	C	19.8%	D
	Screen Fabric (Face Fit Internal)	17.7%	D	8.4%	F
	Screen Fabric (Reveal Fit Internal)	18.6%	D	8.6%	F
	Translucent Fabric (Face Fit Internal)	15.5%	D	10.4%	E
	Translucent Fabric (Reveal Fit Internal)	16.2%	D	10.3%	E
Roman Blinds	Blockout Fabric (Reveal Fit Internal)	21.8%	C	21.1%	C
Aluminium Shutters	ECO Framed (Reveal fit internal)	27.5%	B	12.9%	E
	Traditional Fit (Reveal fit internal)	26.5%	B	10.2%	E
Basswood Shutters	Framed (Reveal fit internal)	27.7%	B	19.6%	D
	Traditional Fit (Reveal fit internal)	29.6%	B	14.9%	E
Thermo PVC Shutters	Framed (Reveal fit internal)	30.3%	A	18.1%	D
	Traditional Fit (Reveal fit internal)	29.6%	B	16.8%	D
Western Red Cedar Shutters	Framed (Reveal fit internal)	32.1%	A	18.8%	D
	Traditional Fit (Reveal fit internal)	30.3%	A	16.0%	D
Venetian Blinds	Western Red Cedar (Reveal fit internal)	25.4%	B	10.1%	E
	Aluminium Slimline (Reveal fit internal)	18.5%	D	5.2%	F
Vertical Blinds	Blockout Fabrics (Face fit internal)	15.6%	D	6.9%	F
	Blockout Fabrics (Reveal fit internal)	18.2%	D	6.8%	F