

EFFICIENCY TEST TWO

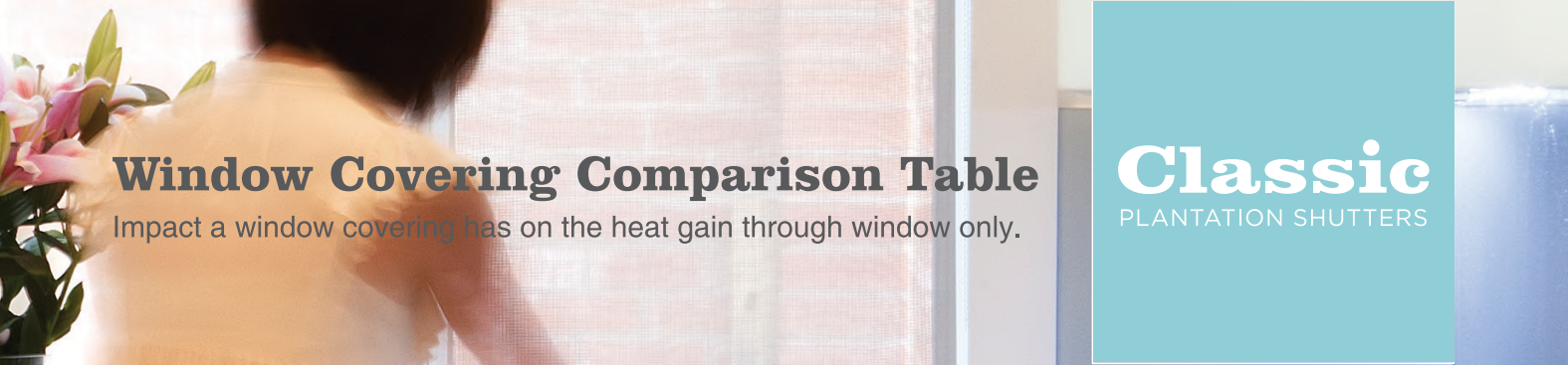
Impact a window covering has on the total heat gain into a building.

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 heat gain through window only.

ENVIRONMENT EFFICIENCY KEY															
A+	87.5%+	A	76-87.5%	B	62.5-75%	C	50-62.5%	D	37.5-50%	E	25-37.5%	F	12.5-25%	G	0-12.5%
WINDOW COVERING EFFICIENCY RATING															
WINDOW COVERING		FABRIC TYPE				SATIN WHITE COLOUR		SATIN BLACK COLOUR							
Awnings		Panel Blind Screen Fabric (Facefit)				64.7%	B	67.5%	B						
		Panel Blind VU Screen Fabric (Facefit)				75.3%	A	75.8%	A						
		Panel Blind Translucent Fabric (Facefit)				66.0%	B	68.5%	B						
Curtains		Blockout Fabric				40.3%	D	32.2%	E						
External Shutters		Aluminium Shutter (Reveal Fit)				97.5%	A+	74.3%	B						
		Western Red Cedar (Reveal Fit)				101.8%	A+	88.9%	A+						
Roller Blinds		Blockout Fabric (Face Fit Internal)				46.1%	D	47.4%	D						
		Blockout Fabric (Reveal Fit Internal)				55.4%	C	49.9%	D						
		Screen Fabric (Face Fit Internal)				44.6%	D	21.2%	F						
		Screen Fabric (Reveal Fit Internal)				46.9%	D	21.7%	F						
		Translucent Fabric (Face Fit Internal)				39.0%	D	26.2%	E						
		Translucent Fabric (Reveal Fit Internal)				40.6%	D	26.0%	E						
Roman Blinds		Blockout Fabric (Reveal Fit Internal)				54.9%	C	53.1%	C						
Aluminium Shutters		ECO Framed (Reveal fit internal)				69.3%	B	32.5%	E						
		Traditional Fit (Reveal fit internal)				66.8%	B	25.7%	E						
Basswood Shutters		Framed (Reveal fit internal)				69.8%	B	49.4%	D						
		Traditional Fit (Reveal fit internal)				74.6%	B	37.5%	D						
Thermo PVC Shutters		Framed (Reveal fit internal)				76.3%	A	45.6%	D						
		Traditional Fit (Reveal fit internal)				74.6%	B	42.2%	D						
Western Red Cedar Shutters		Framed (Reveal fit internal)				80.9%	A	40.3%	D						
		Traditional Fit (Reveal fit internal)				76.3%	A	40.3%	D						
Venetian Blinds		Western Red Cedar (Reveal fit internal)				64.0%	B	25.4%	E						
		Aluminium Slimline (Reveal fit internal)				46.6%	D	13.1%	F						
Vertical Blinds		Blockout Fabrics (Face fit internal)				39.1%	D	17.4%	F						
		Blockout Fabrics (Reveal fit internal)				45.9%	D	17.2%	F						