

COMPONENTS



www.shutterconcepts.com.au

FOR FURTHER INFORMATION CONTACT:



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*Style, Shade
& Privacy Control*

“ Save on energy whilst giving your home a new modern look. ”

INTERNAL PLANTATION SHUTTERS

Our Internal Plantation Shutters bring a level of class, sophistication and a modern look to the home with a wide range of applications. Compared to timber and PVC (Polyresin) shutters, our shutters are manufactured from recycled materials making them environmentally friendly while still durable and attractive. Guaranteed to outlast and outperform other shutters, manufactured with the environment in mind which saves our forests used to make timber shutters and carbon emissions required to manufacture PVC shutters.

FEATURES AND BENEFITS

- ✓ Up to 35% Energy Savings on Heating & Cooling
- ✓ Insulates 3 times greater than timber
- ✓ Looks & feels like wood (not plastic)
- ✓ Made from durable nontoxic, recycled materials
- ✓ Flame retardant
- ✓ Water resistant
- ✓ Termite proof
- ✓ Manufactured in Australia
- ✓ 25 years warranty on internal panels
- ✓ 5 year paint warranty*
- ✓ Exclusive Ultraclear mechanism
- ✓ Shade & Privacy Control
- ✓ Louvre's will never lose tension
- ✓ Low maintenance
- ✓ Increases value of property
- ✓ Environmentally friendly



APPLICATION

The applications with our shutters are endless. They can be installed as hinged, bi-fold, sliding or semi-fixed giving you various options to select the right shutter for the right room whilst allowing light into the room but still the giving you the comfort of privacy.

INSULATION

Thermal insulation properties that reduce the effects of the harsh summer heat as well as retaining winter warmth.

REDUCE ENERGY COST

The cost of heating and cooling your home is substantially reduced all year round making this product an ideal investment for the future.

WHY THERMALITE SHUTTERS

Our shutters have been independently tested and compared with PVC (Polyresin) and Timber shutters. The test results show that the Thermalite product outperforms in each test.

FLAME RETARDENCY	THERMALITE	POLYRESIN	TIMBER
Ignitability Index (range 0-20)	10	11	20
Spread of Flames Index (range 0-10)	0	0	10
Heat Evolved Index (range 0-10)	0	1	10
Smoke Development Index (range 0-10)	7	8	10

The lower the index, the Better the product is performing (Figures taken from AWTA test reports)

WIND LOADING ANALYSIS	THERMALITE	POLYRESIN	TIMBER
Index Rating	4 kpa	1.01kpa	N/A

Thermalite is approximately 360% stronger than Polyresin and in comparable to Timber (Figures taken from Facet Engineering Test Report)

THERMAL PROPERTIES	THERMALITE	POLYRESIN	TIMBER
R Value	2.1	0.36	0.71

The higher the "R" Value the better Thermal resistance, Thermalite being over 6 times greater than Polyresin

(Figures taken from various Test Report)