

## Information Bulletin 066.

17 April 2011

### Ozroll AE401 Extruded Shutters now tested to withstand Bushfire Attack Level (BAL) 40

Back in 2002 Ozroll had approached the CSIRO to determine the benefits of our window roller shutters when subjected to excessive heat throughout a simulated bushfire attack.

The end result was that the shutter was proven to withstand a maximum radiant heat flux of 29kw/m<sup>2</sup> and had still remained operable.

This was documented in more detail on our Information Bulletin 031 and there have also been factual accounts where the Ozroll shutters have been credited with saving homes from burning to the ground when other surrounding properties were not so fortunate.

After the most recent fires in Victoria there were changes made to local council regulations that required new dwellings to comply with specific ratings, in particular within high risk areas.

With this in mind Ozroll again carried out further testing with the CSIRO however on this occasion it was decided to test for a higher rating using our AE401 extruded aluminium shutter.

The test was completed In November 2010 and the conclusion for this test was that the Ozroll window shutter was again proven to withstand the impact of a simulated bushfire attack, however this time with a maximum radiant heat exposure of 40kw/m<sup>2</sup>.

After 60 minutes of severe testing there was no ignition or flaming observed and we are now pleased to confirm that the OZROLL AE401 shutter passed to the level of BAL 40.



#### CSIRO – Bushfire Simulation Testing on OZRoll® Window Shutters

It is common knowledge that hot or burning embers entering the home is a major factor for the ignition of the building itself. The above test report proves conclusively that the home stands a better chance in case of bushfire if fitted with OZRoll® roller shutters.

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