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builders
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ratings of
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First Flame Zone-Approved Window in Australia!

In a major technical breakthrough, Victoria's multi-award winning regional timber window manufacturer Paarhammer has achieved the so far unattainable: the first high quality windows and doors that do not require additional shutters or fire screens in Flame Zone designated areas.

Up to now, the new Australian Standard for buildings in bushfire-prone areas (AS3959-2009 and AS1530.8.2.), allowed only windows combined with a screen system for buildings in the highest Bushfire Attack Level (BAL-FZ).



Believing in their products, FSC (Forest Stewardship Council) accredited Paarhammer Windows undertook the research without government funding and developed their famous tilt & turn timber windows, doors and sliding doors to withstand temperatures exceeding 850 degrees over 30 minutes with a cooling down period of 1 hour - thus achieving the required Australian Standard AS1530.8.2.

Fire safety and risk testing to AS 3959-2009 and AS 1530.8.2 was conducted by Exova Warringtonfire Melbourne and the Paarhammer products passed beyond expectations.

Readings after the test showed the tilt & turn, sliding and locking operation in perfect working order. The inside of the windows, doors and weather seals showed no signs of the raging fire and heat of the test simulating the highest level of bushfire outside. Radiated heat through the windows and doors did not exceed 6kW, which is less than half of the 15kW allowed by the Australian Standard 3959-2009 and AS 1530.8.2.

This astonishing result was achieved with locally sourced red ironbark timber, special double-glazing and seals, and of course, the expertise of Paarhammer Pty Ltd.

At last, 2 years after the devastating bushfires of 2009, there are finally tested and accredited windows and doors including sliding glass doors suitable for the toughest Australian bushfire-prone areas.

"This development is very significant for people wanting to build in the highest bushfire prone area", says Tony Paarhammer, "up to now there were no windows and doors available at all for Flame Zone. We developed these products in addition to our BAL-40 windows and FZ-shutters to help keep people and property safe during bushfires."



FSC



AUSTRALIAN WINDOW ASSOCIATION



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