



# MODWOOD



## ModWood Flame Shield®

Manufactured in Melbourne, Australia and designed for the harsh Australian environment. Flame Shield has been certified to be used in bushfire prone zones of BAL-12.5 up to and including BAL-40. No other timber based decking has such a rating! Flame Shield is a “system” which allows for a 4mm spacing between boards and the sub floor area can be enclosed or unenclosed (refer to Instructions). This design flexibility enables considerable cost savings to be achieved.

Flame Shield; introduced into the market in 2012; and has been installed in many “at risk” public assets and private properties. On Christmas Day 2015 along the Great Ocean Road in Victoria a large bush fire took hold at the Wye River and Separation Creek townships; regrettably 98 and 18 homes respectively were lost.

Local CFA members worked tirelessly throughout and 48 hours after the event, owners were granted access to review their holdings. Amongst the heavily burnt areas several newer built BAL-40 homes remained; scorched but intact.



Justin Leonard of the CSIRO Land and Water team prepared the Wye River / Separation Creek Post Bushfire Report 2016 for the Victorian Country Fire Authority. Figure 35 on page 33 of the report <http://tinyurl.com/zgkmlqx>; identifies one property which included Flame Shield decking.

Flame Shield silver gum decking and an adjacent timber retaining wall were exposed to direct flame attack; the retaining wall did not survive, Figure 39. However; with the superior fire retarding properties, the Flame Shield system was able to suppress and delay an asset loss.

ModWood have assisted several properties along the Great Ocean Road to rebuild in these demanding locations and staff are on hand; should you have any AS3959-2009 questions please call 03 9357 8866



# Why ModWood ?

ModWood is a wood plastic composite (WPC). Over 50% of the board weight is wood fibre and the boards have been designed to have minimal expansion and contraction. Many of the imported WPC's have high rates of expansion and contraction; meaning that the sub-frames need engineering and installation onto pre-existing subfloors are problematic. All WPC's undergo a weathering process; again a number of imported WPC's require coatings to be applied on a regular basis to maintain colour and therefore offer little maintenance advantages over timber!

Beware & consider your options; think carefully as the cheaper profiles can add considerable cost & time to the project & are they going to deliver what you desire & need? ModWood is the proven performer in the harsh Australian environment. You are supported with Australian manufacturing, local technical knowledge and a national network of Timber and Hardware merchants that trust the product.

## ModWood in Situ



Hong Kong, Wan Chai water front precinct and "The Eye"



ModWood Flame Shield, Ski Club Perisher Valley



City of Kingston VIC, Carrum Surf Life Saving



City of Lake Macquarie Cardiff NSW, town seating installations





ModWood is Australia's most trusted, researched, developed and produced wood plastic composite board! ModWood has been fully manufactured in Australian for over 16 years. Foreshore reserves, boardwalks, entrance and public decking, beach observation platforms, access tracks, fencing, building facades, seating and urban furniture

- Add value to your projects as ModWood weathered appearance is visually appealing, year after year...
- A valuable return on your investment; saving you time & money, no paint, stain or oiling required.
- Reduced onsite maintenance costs that are associated with traditional timber.
- A sustainable product that helps to preserve rainforest timbers and save natural resources.
- Innovative; reducing product waste - long straight lengths with no defects.
- Naturally beautiful, stylish natural colours and grain.
- Flame Shield® provides protection & compliance for your most valuable asset in Bushfire Zones.
- ModWood profiles hold Global Green Tag Bronze certification.
- Warranty covers; rotting, warping, cracking, splits and termites.\*
- All boards solid profile and contain no formaldehydes.
- ModWood can be used for decking and screening.\*\*
- World class wood-plastic composite.

### **Manufacturing & Mailing**

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