



Trex® Technical Bulletin:
BAL TESTING RESULTS – AUSTRALIA BUSHFIRE TESTING FOR
TREX TRANSCEND® DECKING

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Full-scale bushfire deck testing of Trex Transcend square-edge and grooved-edge decking was performed in accordance with AS1530.8.1 by Exova Warringtonfire®, an accredited third-party Australian lab. Consult AS3959:2018 for additional construction details and requirements.

PRODUCT	ENCLOSURE	EDGE TYPE	BAL RATING	CONSTRUCTION REQUIREMENTS
Trex Transcend Tropicals 140mm x 25mm Decking	No enclosure required	Square-Edge	BAL-19	Within 300mm ¹ of a glazed element such as a glass door or window: Trex Transcend Tropical square-edge decking, with 3mm gap spacing between adjacent boards. Note: For decking surfaces more than 300mm from a glazed element, no restrictions on construction per AS3959:2018.
	Enclosure below deck	Square-Edge -OR- Grooved-Edge	BAL-29	Area below deck must be enclosed with BAL approved screen or construction materials <u>so that no debris can be present below the deck</u> ; -OR- Deck framing installed directly onto concrete sub-floor ² , <u>so that no debris can be present below the deck</u> .

¹AS3959 only specifies construction requirements for decking, stair treads, and the trafficable surfaces of ramps and landings for BAL-19 and BAL-12.5 construction when the decking is less than 300mm (measured horizontally at deck level) from glazed elements that are less than 400mm (measured vertically) from the surface of the deck. Consult your local codes and requirements to ensure your plans meet the guidelines in your area.

²Install Trex decking on top of deck framing that has a minimum depth of 38mm per Trex installation instructions.

If additional information is required, please contact techservice@trex.com.