DELTA PANELS

BUSHFIRE ATTACK LEVELS – BAL RATINGS

AUSTRALIAN MADE FOR AN AUSTRALIAN LIFESTYLE

Delta Panels Pty Ltd

P: +61 7 3271 2170 | E: info@deltapanels.com | W: www.deltapanels.com

Head Office: 731 Boundary Road, Richlands, Qld 4077 | +61 7 3271 2170

Sydney Depot: 11 The Old Northern Road, Narellan, NSW 2567 | +61 2 4611 7712

ABN: 11 147 861 292 | Version Date: 2025-12-29

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ROOF STRUCTURES

DELTA PANEL RANGE OF BAL ACCREDITED ROOF PANELS

PRODUCT	BAL - 12.5	BAL - 19	BAL - 29	BAL - 40	BAL - FZ
DeltaTrim-MW	*	*	*	*	-
DeltaTrim-TPC	****	****	****	-	-
DeltaOrb-TPC	****	****	****	-	-
DeltaSingle	*	*	*	*	*

***** Non-Combustible as Deteremined by AS1530.1:2018
******** CSIRO report FSZ 2411 Dated 21-12-2023, FCO 3545 Dated 29-04-2024
The full Test Report outlining the tested specimen installation details are published on our Web page.

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EXTERNAL WALL STRUCTURES

DELTA PANEL RANGE OF BAL ACCREDITED WALL PANELS

PRODUCT	BAL - 12.5	BAL - 19	BAL - 29	BAL - 40	BAL - FZ
DeltaCool-MW	*	*	**	**	**
DeltaCool-TPC	***	***	***	-	-

***** Non-Combustible as Deteremined by AS1530.1:2018
****** BRANZ FR10430-001 Fire Test Report in accordannce with AS1530.2:2014 with a FRL rating of -/120/60
******* CSIRO report FSZ 2373, Dated 9-6-2023. CodeMark Certificate of Compliance CM40365
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THE BAL LEVELS EXPLAINED

There are six levels of Bushfire Attack Levels (BAL) as outlined in AS 3959:2018 Construction of buildings in bushfire-prone areas. They are:

(a) BAL-LOW

There is insufficient risk to warrant any specific construction requirements but there is still some risk

(b) BAL-12.5

There is a risk of ember attack

The construction elements are expected to be exposed to a heat flux not greater than 1**2.5 kW/m²**

(c) BAL-19

There is a risk of ember attack and burning debris ignited by wind borne embers and a likelihood of exposure to radiant heat

The construction elements are expected to be exposed to a heat flux not greater than **19 kW/m²**

(d) BAL-29

There is an increased level of ember attack and burning debris ignited by wind borne embers and a likelihood of exposure to an increased level of radiant heat

The construction elements are expected to be exposed to a heat flux not greater than **29 kW/m²**

(e) BAL-40

There is a much increased risk of ember attack and burning debris ignited by wind borne embers, a likelihood of exposure to a high level of radiant heat and some like likelihood of direct exposure to flames from the fire front.

The construction elements are expected to be exposed to a heat flux not greater than **40 kW/m²**

(f) BAL-FZ

There is an extremely high risk of ember attack and burning debris ignited by wind borne embers, a likelihood of exposure to a high level of radiant heat and some like likelihood of direct exposure to flames from the fire front. The construction elements are expected to be exposed to a heat flux not greater than **40 kW/m²**