

AUSSI CORRO

DATA SHEET

Aussi Corro is a ready to install, 3-in-1 insulated panel combining Corrugated Steel Roof, Polystyrene Insulation Core and Smooth Steel Ceiling. The state-of-the-art panels reduce radiant heat and come in a range of colours to suit your existing building. Engineered for Australia's tough environment with superior spanning (fewer beams) for sleek, designer finishes.



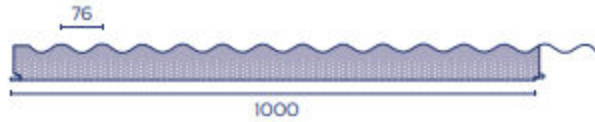
SIZE SPECIFICATIONS

Panels Size (mm)	50	75	100	125	150
CORRO Overall Thickness (mm)	66	91	116	141	166
Panel Weight (kg/m ²)	10.85	11.21	11.65	12.08	12.51
R Value 8oC m ² KW	1.61	2.26	2.66	3.25	3.94
R Value 20oC m ² KW	1.59	2.22	2.59	3.17	3.75

GENERAL DATA

Width	1000mm (joined together)
Length	Cut to order (min 1.8m)
Min. Roof Pitch - CORRO	5° (87mm / meter)
Roof & Ceiling Profiles	Roof Corrugated Ceiling Smooth (flat)
Roof Thickness and Material	0.42mm AZ150 G550
Ceiling Thickness and Material	0.60mm AZ150 G300
Max Skin Temperature	78° Dry Heat Sustained
Paint Finish and System	25% Gloss AS/NZS 2728 and AS 1397
Core AS 1366: (Part 3 1992)	SL Grade Polystyrene 13.5 kg/m ² - Fire-Retardant
"K" Value Core	0.037
Adhesive	Thermosetting two-part polyurethane CFC free

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EARLY FIRE HAZARD PROPERTIES

Corrugated Insulated Roofing–AS 1530.3–EPS-FR Panel

Index	Test Range	External Top Skin	Exposed Core
Ignitability	0-20	0	12
Spread of Flame	0-10	0	9
Heat Evolved	0-10	0	7
Smoke Developed	0-10	1	7

*Tested by James Cook University to the latest “low high low” testing standard

BUSHFIRE ATTACK LEVEL - BAL-40 (Bal-40 flashing available to cover exposed core)

CUTBACKS

Roof profiles have a standard Right to Left (RH) cut back of 60mm. Also available in 80mm, 100mm, 120mm by request. Left to Right (LH) rebate available in 60mm only.



Aussi Panels are backed by a 15-year warranty against defects that may be caused by the manufacturing process. Refer to warranty for full details.

GENERAL NOTES

*Aussi Panels provides a materials estimate only and recommends the installer and/or certifier check the quote and final BOM for accuracy and suitability.

*It is the responsibility of the Installer to check that the existing structure to which a patio or carport is being attached has sufficient strength for the additional loads. In some cases it may be advisable to engage a structural engineer to determine the suitability of the existing structure

*Aussi Panels recommends non-trafficable signs be clearly displayed on or around any new insulated panel structure.

MORE INFORMATION

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