

Trapezoidal Cladding — Australia & New Zealand

Five-rib, six-rib and deep-rib trapezoidal profiles

Trapezoidal roof and wall cladding as specified in Australia and New Zealand: ribbed profiles with a nominal cover around 760 mm, sized by the number of ribs and the rib height. The rib height is what sets the minimum pitch and the span.

Profile families

Family	Rib height	Cover width	Minimum slope
Five-rib	25 – 29 mm	754 – 765 mm	As low as 2° for the deeper rib
Six-rib	≈ 25 – 30 mm	≈ 775 mm sheet width	Down to about 4°
Deep-rib (e.g. four-rib 46 mm)	46 mm	Profile dependent	Low pitch, longer spans

Data that is usually specified

Cover widths across the market	Roughly 680 mm to 1,000 mm, depending on the profile
Minimum pitch rule	For trapezoidal profiles the New Zealand code of practice allows a pitch down to 3° where the rib height is 30 mm or more
Base metal thickness	0.40 – 0.80 mm BMT typically; confirm per profile
Coating	Z or AZ class coated steel, pre-painted where specified
Fastening	Concealed-fix clips or pierce-fixed, per the profile system

Standards referenced

AS/NZS 4600 (cold-formed steel structures — design) · AS 1397 (steel sheet and strip — hot-dip zinc-coated and aluminium/zinc-coated) · AS 1562.1 (design and installation of sheet roof and wall cladding) · New Zealand Metal Roofing Manufacturers code of practice (pitch and rib-height rules) — confirm the current edition with your engineer

Need a quote? Tell us the profile and cover width, BMT, coating and total length or tonnage.

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