

Valen Tile
The Valencia Classic



Pre-painted Variable Step Steel Roofing System

ValenTile - The Valencia Classic

ValenTile : The classic look of traditional valencia tiles is reborn in ValenTile the latest longrun step roofing system from Amcan. Its distinct weather-proof features and excellent spanning capability are ideal for residential, commercial and refurbishment projects.

Colour : Available in a wide range of new high quality Yodo Colors, conforming to JIS and ASTM Standards with double-coated and double-baked systems which ensure years of new and aesthetic appearance, and protection.

Lightweight : For an average ValenTile roof area of 225m², the loading weight on the building is only approximately 1 metric ton as compared to approximately 5 metric ton when using traditional concrete or clay tiles on the same area. (i.e. Given the same roof area, its loading weight on a building is only about one fifth of that of traditional tile).

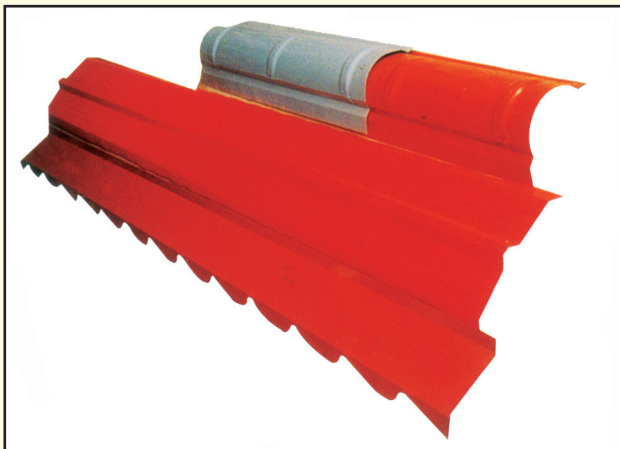
Strong, Durable and Reliable : ValenTile's high-tensile zinc/aluminium zinc coated steel, manufactured using the superior Amcan Color Coating System, enhances its roofing strength and protection against corrosion under severe tropical weather conditions and marine environments.

Watertight : The triple anticapillary drains on the under lapping side provide 100% protection from water penetration between laps of roofing sheet.

Zero Maintenance : ValenTile's maintenance - free feature saves you the hassles of repairs.

ACCESSORIES

ValenTile Roofing Sheets must be installed with roofing accessories and components manufactured or approved by Amcan.



PROFILE SPECIFICATION

Standard Module Length

- 305mm (eqv. one foot) per module

Variable Module Length

- Minimum 100mm to any requested length

Roofing Pitch

- Suitable for any roof slope from 8 degrees minimum

Tolerance

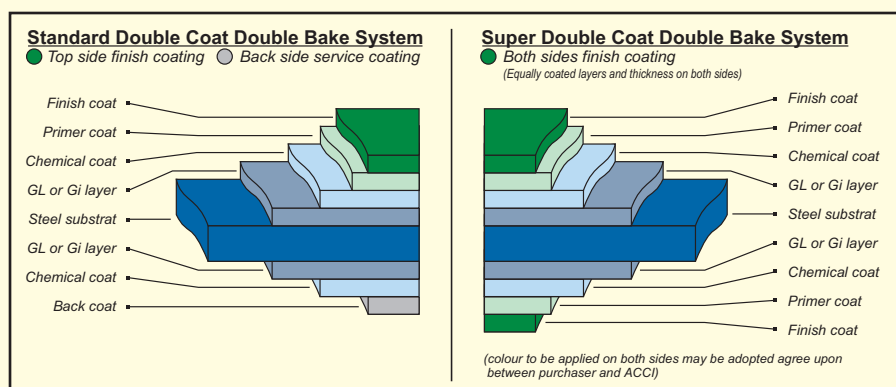
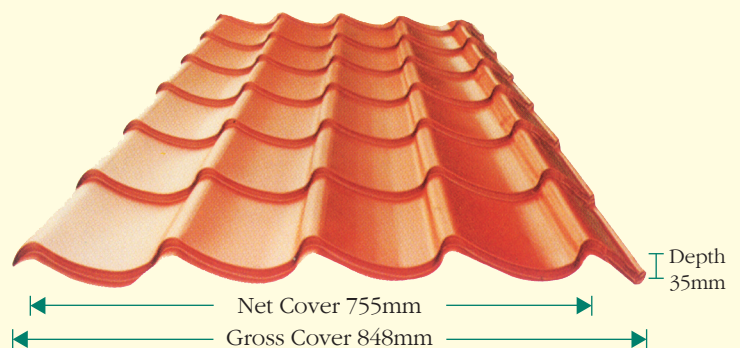
- Length : + 0 - 10mm
- Cover width : ± 2mm
- Thickness : ± 0.02mm

Steel Grade – JIS G3312 - 1987
 ASTM A 446 --D
 (min. yield stress - 345Mpa)

Cover Width – 755mm

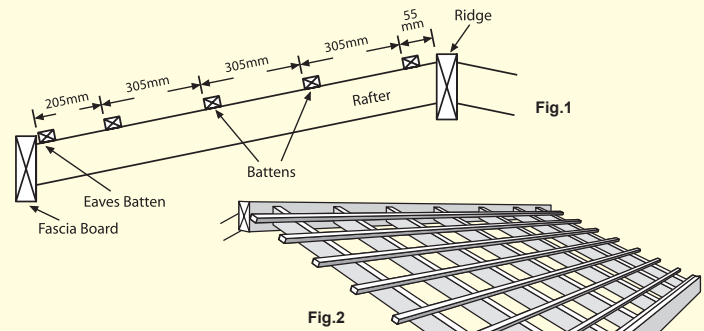
Mass – 4.67kg/m²

- Other thickness also available on request.



BATTEN SPACING

ValenTile is supported on roof battens on the rafters. Tack the eaves batten against the fascia board. Then set and tack the second batten to 205mm from the eaves batten. (Fig. 1) Lay the rest of the battens to module length 305mm across the rafters up the ridge and tack them in position. (Fig. 2). Battens are cut to length so they butt together on top of the rafters (Fig. 3).



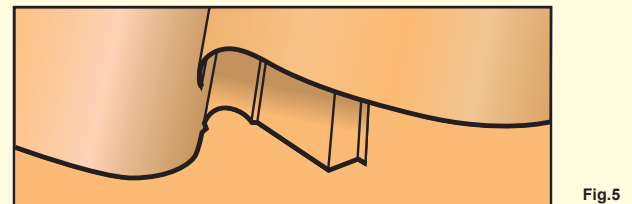
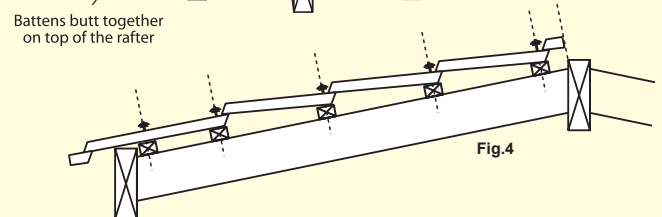
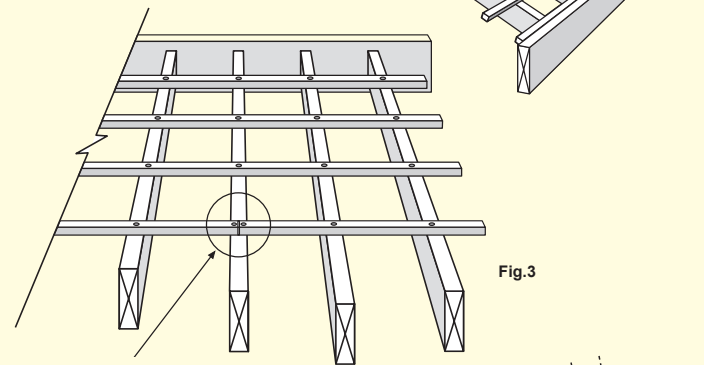
Minimum sizes for timber battens recommended

Rafter Centres	Battens Sizes
Up to 600mm (2'0")	50mm x 38mm (2" x 1.5")
Up to 1200mm (4'0")	50mm x 50mm (2" x 2")
Up to 1500mm (5'0")	50mm x 65mm (2" x 2.5")
Up to 1800mm (6'0")	50mm x 75mm (2" x 3")

ROOF LAYING

ValenTile is laid with steps stepping down the roof slope. (Fig. 4) When looking from the gutter end the overlapping side is on the left. They are laid from right to left in reverse-laying method to ensure a tight module fit for weather security. (Fig. 5)

Place the first roofing sheet in position and tack the sheet to the batten through the third ridge of the profile at the fascia and the ridge, so that the left side of the roofing sheet can be lifted for reverse-laying. (Fig 5) Run a string line parallel to the fascia board at the front end of the roofing sheets accordingly and square the roofing sheets to the string line.



GENERAL INFORMATIONS

Storage : ValenTile Roofing Sheets must be kept dry and stored clear of the ground under cover to prevent water from being trapped between the sheets. If water is trapped, the sheets must be separated immediately and allowed to dry. This procedure is necessary to avoid the possible damage of the surface coating which may reduce the sheets' life expectancy or tarnish their appearance.

Clean-Up : All metallic or metallic-based material such as nails, rivets, screws, iron sharings and filings must be cleaned with clean cloth or soft brush to avoid oxidation on the surface coating which could cause corrosion to the sheets.





Amcan Pre-painted GL, the Al-Zn Alloy coated steel sheet provides the optimum composition of aluminium and zinc for marine and industrial environments. This coating provide a balance between the superior corrosion resistant quality of Aluminium and sacrificial galvanic protection ability of zinc; the GL comprises of 55% Aluminium 43.4% Zinc and 1.6% Silicon.



Amcan Pre-painted GI provides corrosion by sealing off the steel surface from corrosive environments. If the coating is accidentally scratched, the zinc acts as the sacrificial anode as “galvanic protection”, a type of protection not provided by organic films or other common metallic coating such as tin-plating or chromium plating.

Distributor



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