

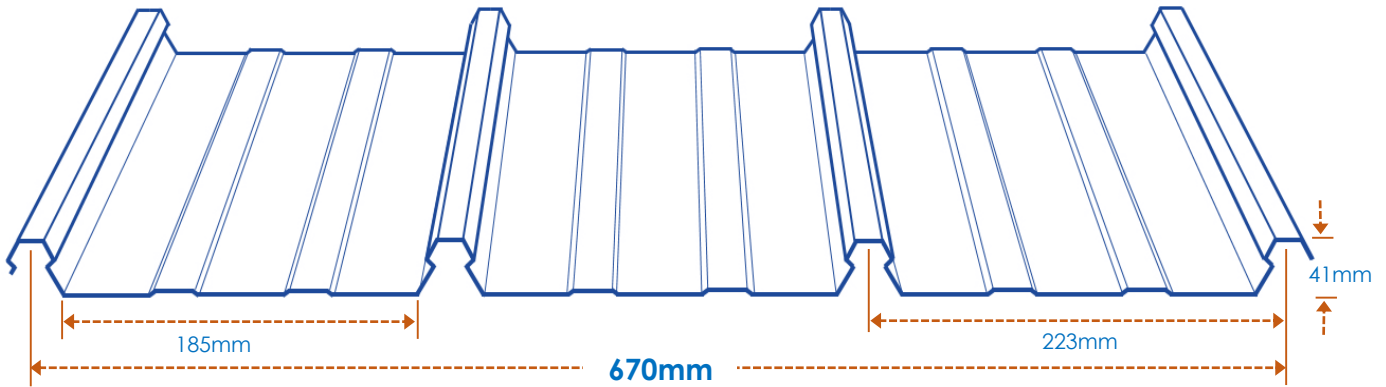


ZinLok gives a traditional appearance coupled with excellent span characteristics. It has a high rib for non-punctured roof system to provide clean line with no unsightly screws. ZinLok prevents slow corrosion to the connection points and retains its structural integrity.

**SUITABLE FOR:** Apartments | Bungalows | Factory Buildings | Hostels | Housing Projects | Multi-Purpose Halls | Quarters | School Buildings |

**BENEFITS:** ■ More economical to install ■ Designed for almost flat roofing with minimum roof pitch of 2 degrees. ■ Interlocking panels for maximum wind resistance ■ Deep ribs provide excellent water carrying capabilities ■ Extensive range of colours available for selection

## 01 SECTIONAL DIMENSION



**TOLERANCES:** Length: 0-10mm | Width: +/-3mm | Thickness: +/-0.03mm

## 02 SPECIFICATIONS

SUBSTRATE	MINIMUM YIELD STRENGTH (MPA)	BASE METAL THICKNESS (MM)	TOTAL COATED THICKNESS (MM)	EFFECTIVE WIDTH COVER (MM)	WEIGHT PER-SQUARE (KG/M <sup>2</sup> )	DEEP OF RIB (MM)	MINIMUM SLOPE (DEGREE)	PRE-PAINTED EnvioSeries®
AZ150	550	0.42	0.48	670	4.72	41	2	Available
AZ150	550	0.48	0.54	670	5.36	41	2	Available

### COATING

Different steels specifications for painted and unpainted also available on request. Total Coated Thickness values are nominal only.

### SLOPE

The recommended minimum roof pitch is 2 degree. On minimum pitch applications, care should be taken to ensure the accurate alignment of the tops of the roof purlins and proper construction of gutter brackets at eaves to avoid stagnation of water.

### LENGTHS

ZinLok profile can be ordered in any length, subject to transport limitations. Longer lengths require special transport arrangements.

### SHEET REQUIRED

WIDTH (METERS)	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	30	40	50
NUMBER OF SHEETS	5	6	8	9	10	12	13	15	16	18	19	21	22	24	25	27	28	30	45	60	75

## RECOMMENDED MAXIMUM SUPPORT SPACING (MM)

BASE METAL THICKNESS (MM)	WIDTH COVER (MM)	ROOFS			WALLS			FREE CANTILEVER (MM)
		Single	End	Internal	Single	End	Internal	
0.42	670	300	1500	1900	1800	2200	2400	150
0.48	670	500	1800	2200	2200	2300	2700	200

Internal span may be over one or more support battens. End span is also the end of roofing sheets where they overlap with an adjoining sheet.

## 03 MATERIAL OPTIONS

ZinLok profile is available in an attractive range of colours in EnvioSeries® pre-painted steel and in unpainted GaluZinc® coated steel.

**GALUZINC®**  
Silvery Trendy Steel

GaluZinc® stands for aluminium and zinc, bonded in almost equal amounts to coat the steel sheet with a silvery spangle, composed of aluminium (55%), zinc (43.4%) and a touch of silicon (1.6%). GaluZinc® steel delivers outstanding anti-corrosion performance.

**EnvioPRIME™**  
Prefinished Steel

EnvioPrime® steel sheet is precisely developed to provide subtle performance for ZinLok profile with content of the protective polish.

**EnvioClean®**  
Self Cleaning Steel

EnvioClean® steel sheet is specifically designed with self-cleaning technology for ZinLok profile surface where natural rain water is able to wash away dirt.

**EnvioMATT™**  
Rough Matt Steel

EnvioMatt® is steel sheet specifically engineered for ZinLok profile with stylish matt surface, suited to address the undesirable glare from sunlight.

## COLOUR SELECTION CHART

<b>EnvioPrime®</b>	YK RED	YK BLUE	YK GREEN	YK BEIGE	DARKGREY	MERANTI BROWN
	GRAVEL	WIRA BLUE	PETRONAS GREEN	SAFARI BEIGE	LIGHT GREY	CHARCOAL GREY
<b>EnvioClean®</b>	TRITON RED	AQUAMARINE GREEN	DAWN GREY	STATE GREY	CHARMING BEIGE	
	RADON BEIGE	OFF WHITE	LAZURITE BLUE	ARMOUR GREY	ORIENTAL ORANGE	
<b>EnvioMatt™</b>	RED	BLUE	CRAYON GREEN	ARMOUR GREY	COPPER RED	CHARCOAL BLACK

## COLOURS

All colours shown here approximate actual finish colours as accurately as possible. It is recommended to order ZinLok of the same colour at the same time to avoid slight colour differences between batches.

## OIL CANNING

Flat metal surfaces will display waviness commonly referred to as 'oil-canning'. This is caused by steel mill tolerances, variations in the substrate and roofing underlayments. Oil-canning is a characteristic, not a defect, of panels manufactured from light-gauge metal. Oil-canning is not a cause for panel rejection.

## CERTIFICATION

With the certification of MS/ISO 9001: 2008 Quality Management System, Jincorp Sdn. Bhd. ensures high quality EnvioSeries® and GaluZinc® steel are precisely cold formed into ZinLok steel roofing sheet.

## 04 WARRANTY

Warranty subject to application and eligibility criteria up for **30 years**. There are various factors that will determine whether a building is eligible for a warranty and the duration of any applicable warranty. Such factors include, but are not limited to, product selection, environmental influences, manufacturing specifications and product specific requirements.

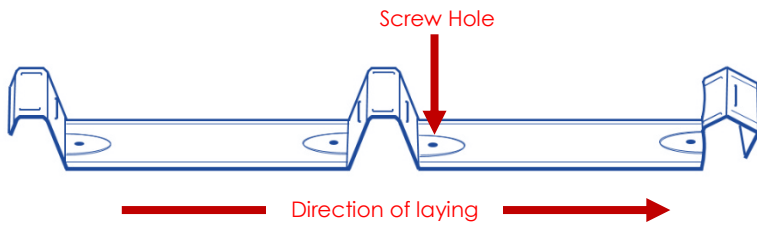
## LOCATION

SUBSTRATE	DISTANCE TO SEA		
	100 – 400M	401 – 1000M	1 – 5KM
AZ150	Not Recommended	Recommended	Recommended
AZ200	Recommended	Recommended	Recommended

## SUBSTRATE

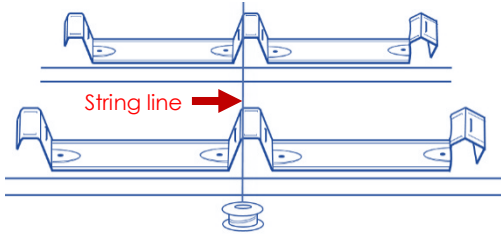
An AZ200 substrate is the most effective material available for harsh environment.

ZinLok roofing sheet is installed by **concealed-fixed** method. It shall be installed properly, because there is little room for adjustment when roof align is incorrect during tapping in.



**10 – 16 X 22 WAFER HEAD SCREWS**

- 10** The gauge of the screw (g),
- 16** Indicates the threads per inch (TPI)
- 22** Indicates the length of the screw (mm).

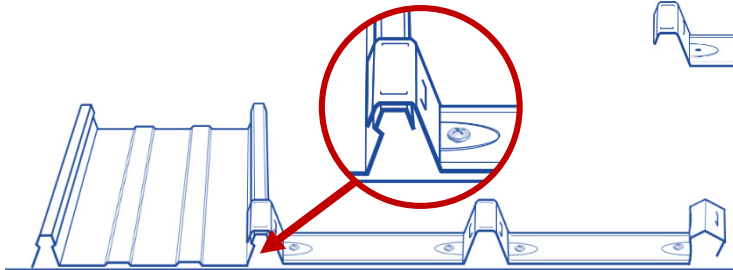
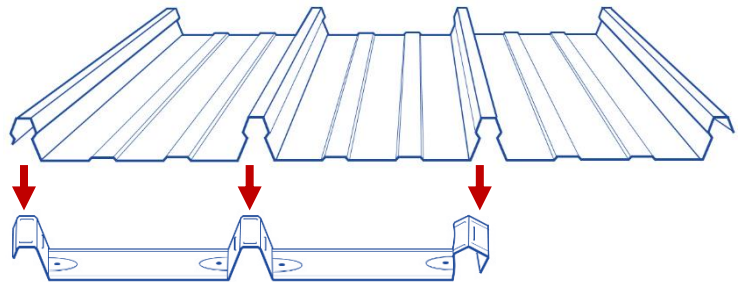


1. Position the first **clips** on each support by placing onto the support nearest the roof edge.
2. Fix the first **clip** on the purlin so they point in the **direction of laying**.
3. Align the clips using a **string line** (or the first sheet as a straight edge) to align the clips as you fix a clip to each purlin support working towards the high end of the roof.

4. Without insulation, drive **Wafer Head screws** through the top **holes** of the clip, into the **purlin**.
5. Position the first **ZinLok** roofing sheet so that it overhangs the desired amount to the gutter. It is important to ensure this first sheet is placed square to adjacent edges.

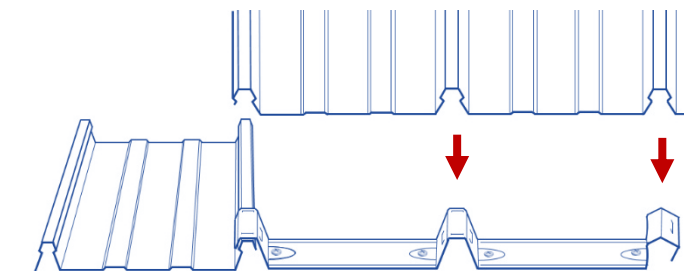


6. Engage the sheet with clips using vertical foot pressure on all the ribs over each clip.
7. Fix the initial overlapping rib of the first sheet.

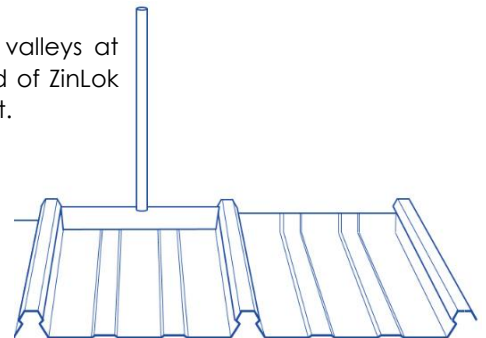


8. Engage **new clip** over rib of installed **ZinLok** sheet.

9. Install second sheet over the new clip.

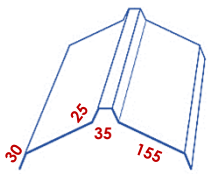


10. Turn up the valleys at the high end of ZinLok roofing sheet.

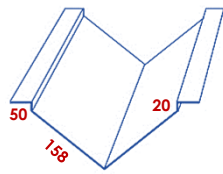


## 06 ACCESSORIES

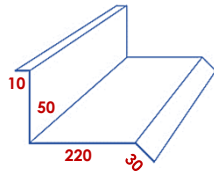
Accessories are available to match **ZinLok** profile.



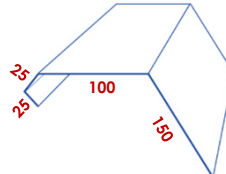
Ridge Capping



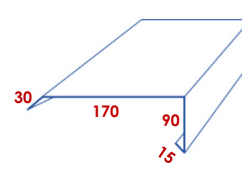
Valley Gutter



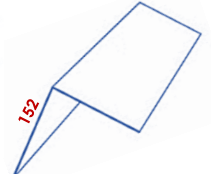
Wall Flashing



Fascia Flashing



Barge Capping



Fascia Corner

### WIDTH AND LENGTH

Widths (mm) are fixed for every flashing and capping profile. Factory standard length is 8 feet.

### COMPATIBILITY

Each flashing or capping profile should be made from the same material as the material used for **ZinLok** profile.

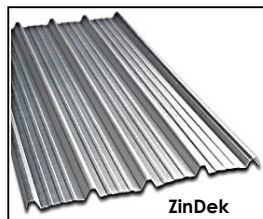
### CAUTION

Copper and Lead are incompatible materials and should NOT be used with **ZinLok** profile made from EnvioSeries® steel.

## 07 OTHER PROFILES



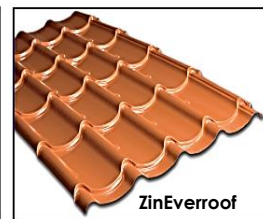
ZinLok



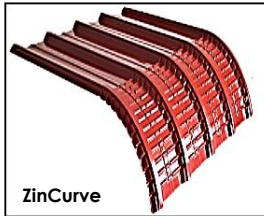
ZinDek



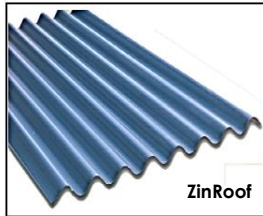
ZinSpan



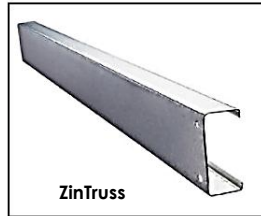
ZinEverroof



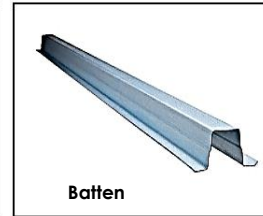
ZinCurve



ZinRoof



ZinTruss



Batten



**REQUEST A QUOTE:**

**Provide us with a few details about your next project, and we'll prepare a no-obligation quote. We look forward to the opportunity of partnering together**

## 08 WORKMANSHIP

### SAFETY

Always work safely when installing metal products and use extreme caution on the roof at all times. Wear gloves and safety glasses to reduce the risk of injury, and use hearing protection when operating power tools. Always wear smooth soft-soled shoes; avoid ribbed soles that pick up and hold small stones, swarf and other objects.

### CARE AND STORAGE

Store metal panels indoors when possible; if outdoors, cover and elevate. Elevate one side higher for water drainage. Never cover in plastic. If a bundle gets wet, break bands and separate sheets; allow sheets to dry completely and only restack if completely dry. Material should be used promptly (within 3 months) to avoid the possibility of a storage related corrosion.

### HANDLING

It is recommended that heavy-duty cut-resistant gloves and appropriate manual handling techniques or a lifting plan be used when handling material. Handle materials carefully to avoid damage: don't drag materials over rough surfaces or each other; protect from swarf.

## 09 REFERENCES



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