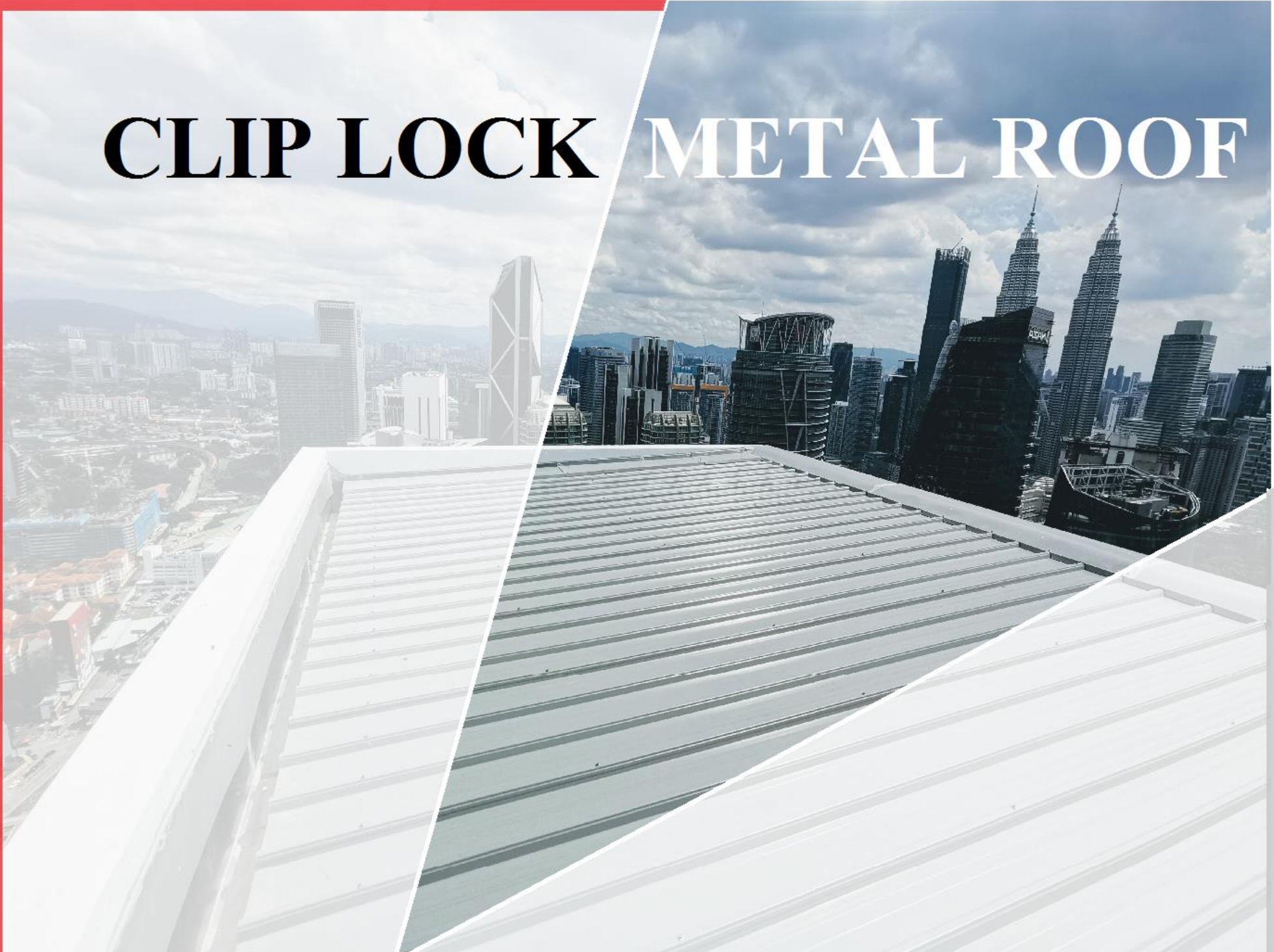




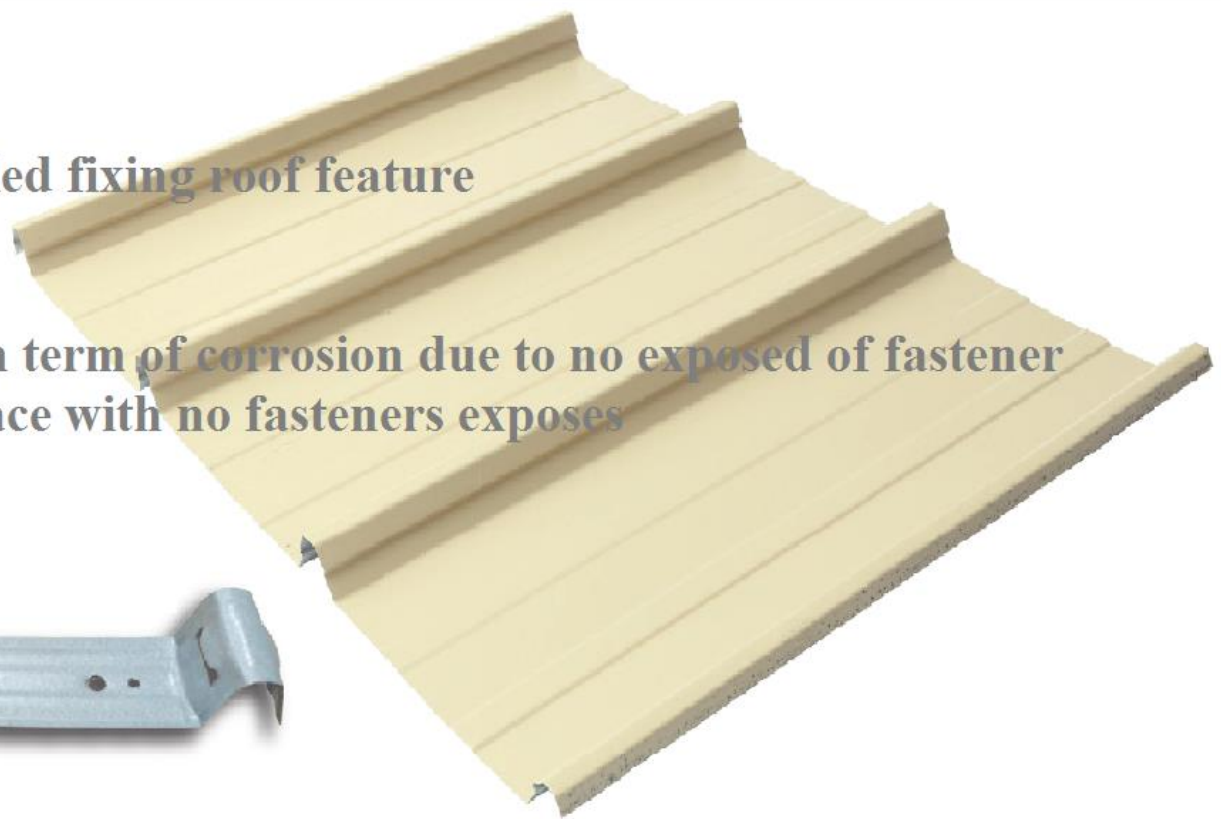
**ONE-STOP  
ROOFING CENTRE**

**D E X S T E E L**

## **CLIP LOCK METAL ROOF**



- Latest technology of concealed fixing roof feature
- Water tightness
- Ideal for low pitched roofs
- Long lasting performance in term of corrosion due to no exposed of fastener
- Offer a clean and neat surface with no fasteners exposes



## PRODUCT DESCRIPTION

- A premium concealed fixing profile roll formed from high-tensile steel substrate protected with corrosion inhibitive treatment.
- Minimized possibility of water leakage as this profile is installed using clips.
- Wide pans and high ribs ensure excellent water discharge capacity
- Minimum roof pitch of 2°
- Suitable for applications from low pitched roofs to vertical or horizontal ribbed walling for exhibition halls, warehouses and shop offices.

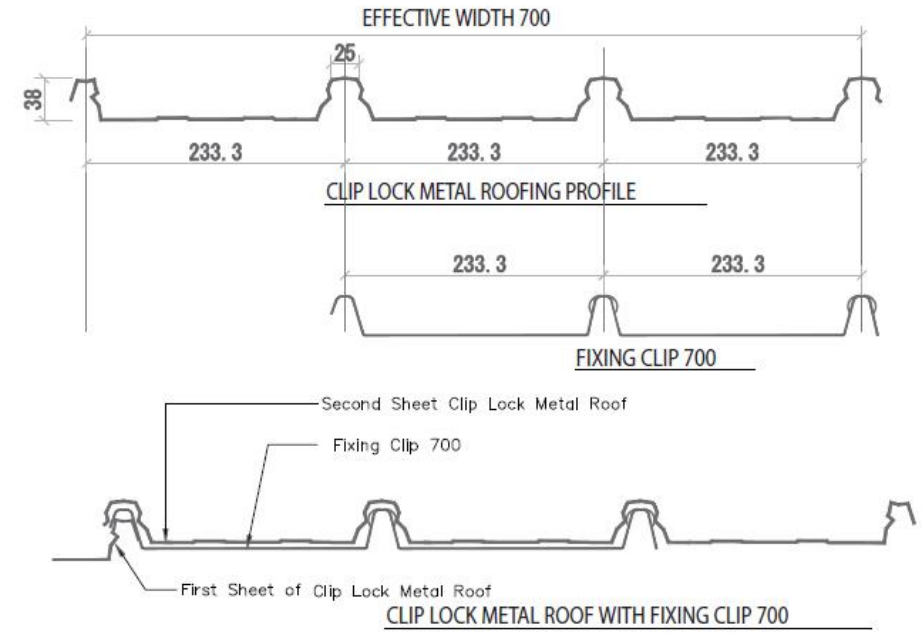
## MATERIALS & COLOURS

- ➔ Clean Colorbond Steel
- ➔ Zinalume® Steel
- ➔ Prima R Steel
- ➔ Pre-painted Galvanised Iron (PPGI)
- ➔ Zacs Painted

## SECTIONAL PROFILE

Dimensions  
 Rib Height: 38mm +1mm  
 Effective Width: 700mm  
 Minimum Roof Pitch: 2°

Tolerance  
 Thickness for Material: +0.03mm  
 Effective Width: +5mm  
 Finishing Length: +5mm



## TECHNICAL INFO

### AVAILABLE THICKNESS

Base Metal Thickness (mm)	Total Coated Thickness (mm)	Weight (kg/m <sup>2</sup> )	Steel Grade	Min. Yield Strength (MPa)
0.35	0.40	3.60	AS 2728	G550
0.40	0.47	4.10	AS 2728	G550
0.42	0.48	4.38	AS 2728	G550
0.48	0.53	4.98	AS 2728	G550
0.48	0.53	5.08	AS 2728	G550

### RECOMMENDED MAXIMUM ROOF LENGTH (M)

Rainfall Intensity (mm/hour)	Slope in Degree				
	2°	3°	5°	7.5°	10°
250	170	194	243	303	364
300	142	162	204	256	307
400	105	121	153	192	232
500	86	99	123	154	185

\*other thickness is subject upon stock availability and time delivery

### DISTRIBUTED LOAD CAPACITY - CONTINUOUS SPAN CONDITION

Thickness (mm) (TCT)	SPAN	mm	900	1050	1200	1350	1500	1650	1800	1950	2100
			0.47	Serviceability	kPa	2.564	2.127	1.903	1.417	1.104	0.859
Strength	kPa	4.296		3.634	3.344	2.737	2.136	1.743	1.453	1.163	0.869
0.48	Serviceability	kPa	2.901	2.376	2.034	1.506	1.141	0.873	0.659	0.500	0.361
	Strength	kPa	4.699	3.951	3.521	2.866	2.259	1.034	1.524	1.254	0.983
0.53	Serviceability	kPa	3.913	3.121	2.429	1.771	1.253	0.916	0.667	0.560	0.473
	Strength	kPa	5.907	4.903	4.053	3.251	2.627	2.109	1.739	1.529	1.326

### MAXIMUM RECOMMENDED SPACING OF SUPPORTS

Base Metal Thickness (mm)	Total Coated Thickness (mm)	ROOFS		WALLS		Max Roof Overhang Unsupported (mm)
		Internal Span (mm)	End Span (mm)	Internal Span (mm)	End Span (mm)	
0.40	0.47	2000	1500	3300	2600	150
0.42	0.48	2100	1600	3500	2800	200
0.48	0.53	2500	2000	3600	3000	300