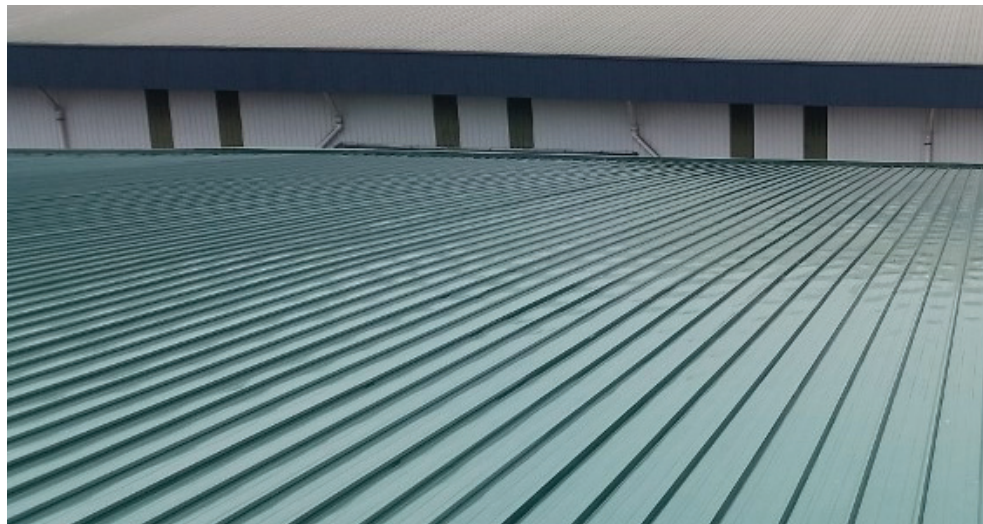


ROOFSEAL CLIP680

Roofing
Solutions
Under
One Roof



Rm
Since 1990

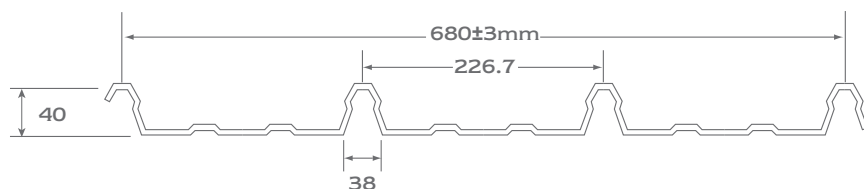
PRODUCT DESCRIPTION

- A premium concealed fixing profile roll formed from high-tensile steel substrate protected with corrosion inhibitive treatment.
- Possibility of water leakage can be greatly minimized 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	: 40mm
Effective cover	: 680mm
Minimum roof pitch	: 2°

Tolerance

Thickness for material	: ± 0.03mm
Effective width	: ± 3mm
Finishing length	: ± 5mm

TECHNICAL INFO

AVAILABLE THICKNESS			
Base Metal Thickness (mm)	Total Coated Thickness (mm)	Weight (kg/m ²)	Min. Yield Strength (MPa)
0.35	0.40	3.82	G550
0.40	0.45	4.34	G550
0.42	0.47	4.63	G550
0.48	0.53	5.27	G550

*other thickness is subject upon stock availability and time delivery

RECOMMENDED MAXIMUM ROOF LENGTH (M)					
Rainfall Intensity (mm/hour)	Slope in Degree				
	2°	3°	5°	7.5°	10°
250	76	86	100	113	124
300	63	71	83	94	103
400	47	53	63	70	77
500	38	43	50	56	62

DISTRIBUTED LOAD CAPACITY - CONTINUOUS SPAN CONDITION											
Thickness (mm) (TCT)	SPAN	mm	900	1050	1200	1350	1500	1650	1800	1950	2100
0.45	Serviceability	kPa	2.83	2.31	1.96	1.44	1.08	0.82	0.62	0.47	0.35
	Strength	kPa	4.55	3.82	3.37	2.74	2.17	1.76	1.46	1.21	0.96
0.47	Serviceability	kPa	2.99	2.43	2.05	1.51	1.13	0.86	0.46	0.499	0.37
	Strength	kPa	4.78	4.01	3.53	2.86	2.27	1.84	1.52	1.27	1.01
0.53	Serviceability	kPa	3.45	2.80	2.33	1.71	1.27	0.96	0.72	0.56	0.42
	Strength	kPa	5.47	4.58	3.99	3.23	2.57	2.08	1.72	1.44	1.17

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	0.45	2000	1500	3300	2600	150
0.42	0.47	2100	1600	3500	2800	200
0.48	0.53	2500	2000	3600	3000	300

ROOFSEAL RESOURCES (M) SDN. BHD. (802531-A)

No. 1-A, Jalan 1/7, Seksyen 1, Bandar Teknologi Kajang, 43500 Semenyih, Selangor Darul Ehsan, Malaysia.
Tel: 603-8723 4776 (H/Line) Fax: 603-8723 4775 E-mail: enquiry@roofseal.com.my Website: www.roofseal.com.my