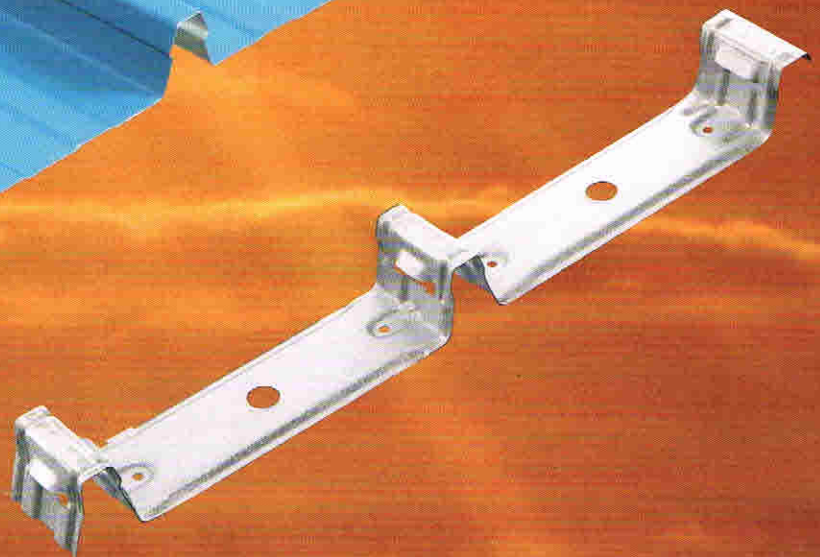
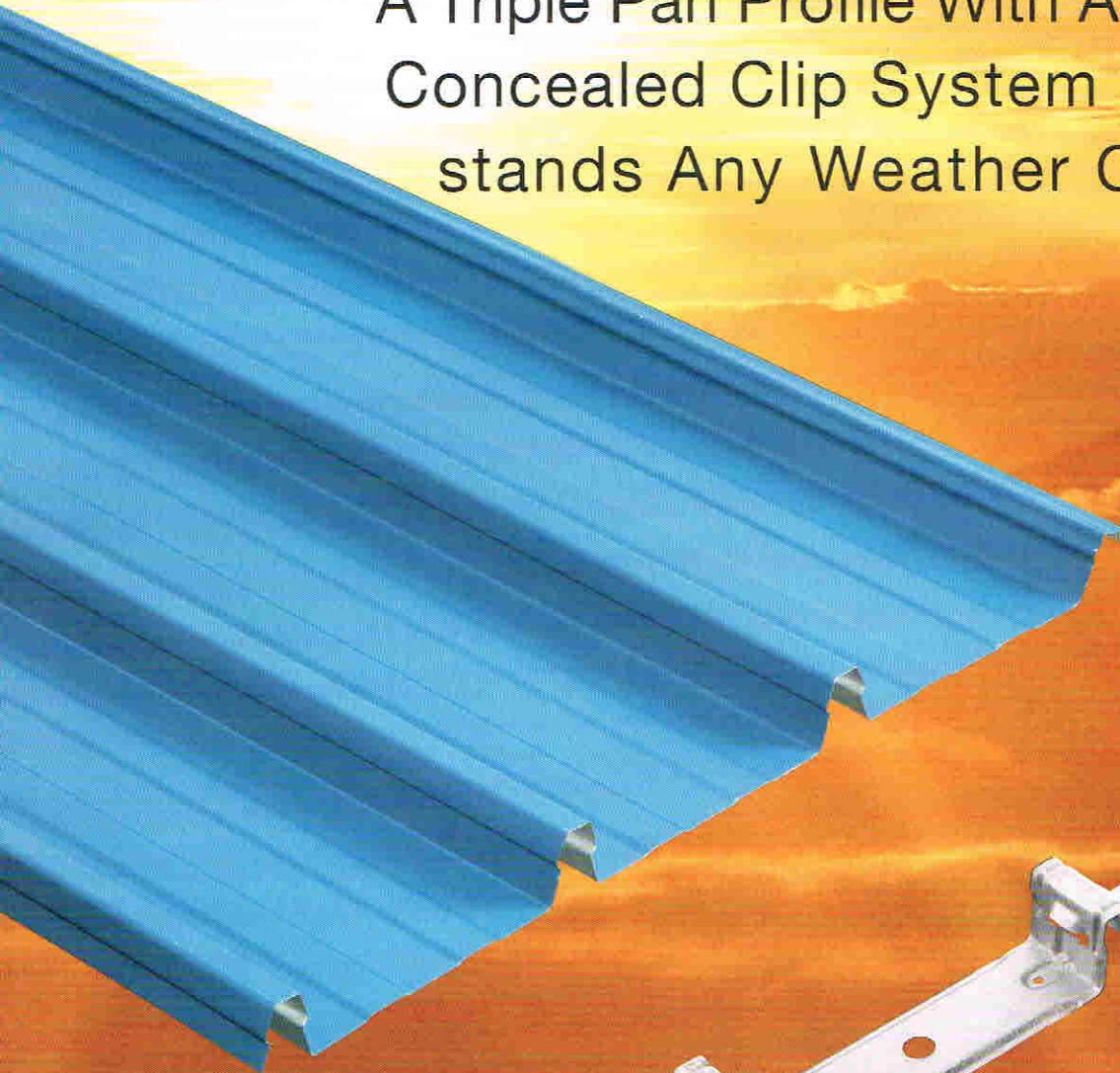


WEATHERCLIP 655™

A Triple Pan Profile With A Powerful
Concealed Clip System that With
stands Any Weather Condition



WEATHERCLIP 655™

✓ *Durable Material*

✓ *Superb Protection*

DMI
BUILDING PRODUCTS

WEATHERCLIP 655™

PROFILE (Minimum Recommended Pitch : 1° (1 in 55)



MATERIAL

WeatherClip 655 is made of Galvalume Zinc / Aluminium Alloy coated steel that complies with ASTM A792-G550-AZ150 (550 MPa minimum yield strength, 150g/m² minimum coating mass as determined by the prescribe triple sport test).

The Colorlume steel used in the manufacture of WeatherClip complies with ASTM A806 "Prepainted and Organic Film/Metal Laminate Products"

LENGTH

All products are available from DMI distributors in lengths up to 21 meters custom-cut to your length requirements. Lengths longer than 21 meters can be supplied, provided satisfactory transport and on-site handling can be arranged or by site-rollforming.

TOLERANCES

Length : 0, -15mm Cover width : ± 4mm

PACKING

Sheet are packed in strapped bundles of one tonne maximum mass.

RECOMMENDED MAXIMUM SUPPORT SPACINGS

Base Steel Thickness (mm)	ROOF (mm)			WALL (mm)			Maximum Cantilever (mm)
	Single Span	Internal Span	End Span	Single Span	Internal Span	End Span	
0.42	1400	1600	1500	2000	2400	2100	200
0.48	1600	2100	1800	2300	2900	2700	250
0.60	2000	2700	2300	2500	3000	2900	300

PROFILE SPECIFICATIONS

	ECONOMY		REGULAR		HEAVY	
	Zincalume	Pre-painted	Zincalume	Pre-painted	Zincalume	Pre-painted
Base Metal Thickness (BMT)	0.42		0.48		0.60	
Total Coated Thickness (TCT)	0.47		0.53		0.65	
Mass per unit Area (kg/m ²)	4.80	4.90	5.45	5.55	6.76	6.85
Mass per unit Length (Kg/m)	3.17	3.23	3.60	3.66	4.46	4.52
Coverage (m ² /t)	208	204	183	180	148	146

LOAD TABLE (Uniformly Distributed Load Over Continuous Span Condition)

Base Steel Thickness	SPAN (mm)		900	1050	1200	1350	1500	1650	1800	1950	2100	2400
0.42mm	Safe Imposed Load	kPa	6.7	5.6	4.4	3.5	2.9	2.3	2.0	1.7	1.4	1.1
	Deflection	mm	2.9	3.6	4.6	5.8	7.4	9.3	10.8	12.8	15.4	20.0
	Safe Wind Uplift	kPa	2.8	2.5	2.1	1.9	1.7	1.6	1.5	1.4	1.3	1.1
0.48mm	Safe Imposed Load	kPa	8.9	6.6	5.1	4.0	3.3	2.7	2.3	2.0	1.7	1.3
	Deflection	mm	3.1	4.1	5.4	6.5	8.3	10.1	11.8	14.1	15.9	20.3
	Safe Wind Uplift	kPa	3.8	3.4	2.9	2.5	2.0	1.9	1.7	1.6	1.5	1.3
0.60mm	Safe Imposed Load	kPa	11.6	8.6	6.6	5.2	4.3	3.5	3.0	2.6	2.2	1.7
	Deflection	mm	3.0	4.0	5.2	6.5	8.1	9.6	11.6	13.8	15.5	20.2
	Safe Wind Uplift	kPa	5.7	4.9	4.3	3.5	2.6	2.4	2.1	2.0	1.9	1.7

MINIMUM ROOF SLOPE

It's recommended that a minimum slope of 1 in 55 or approximately 1° be provided. Also ensure that supports are in the same plane. Variation at the time of fixing - or the uneven shrinking of timber supports that may take place later - can cause a zero or negative fall.

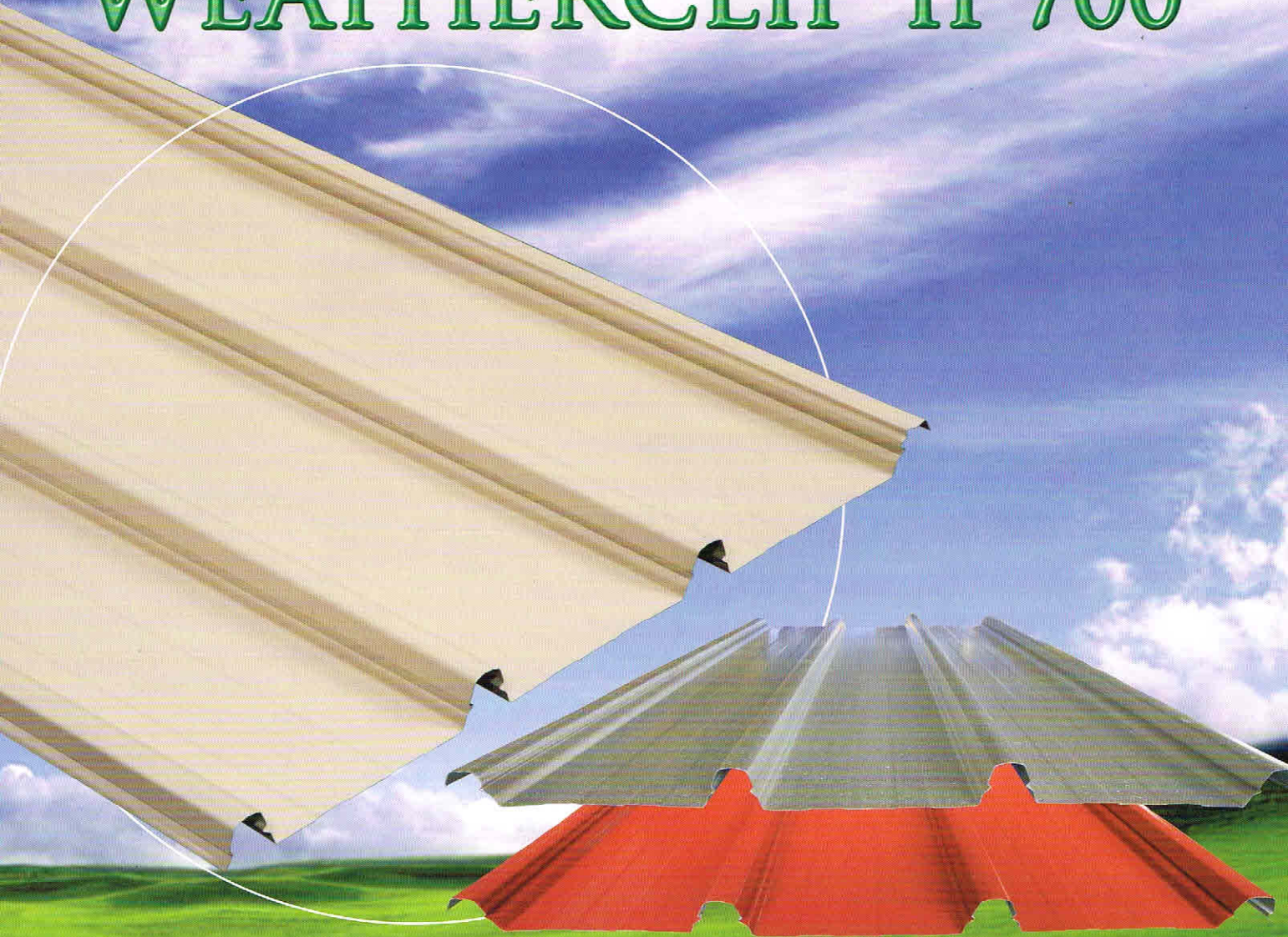
However, it is wise to provide for a minimum slope of 1 in 30 (approximately 2°) to ensure a positive fall and avoid any danger of 'ponding' which could lead to a reduced service life.

APPLICATION OF WEATHERCLIP 655

A triple pan profile utilising a powerful clip system, WeatherClip 655 is suitable for roofing applications on very long roofs down to 1° pitch. The WeatherClip's triple pan eliminate up to 45% of the side laps required in a double pan profile and therefore offers much more superior protection against leakage, particularly on places with heavy rainfall, a typical characteristics of the Malaysian climate...

WeatherClip 655 is economical to use due to its great spanning capability over other profiles and as such it helps to reduce steel purlin costs. Besides, for very long, low pitched roof, on-site rolling becomes a necessity and DMI offers this flexibility.

WEATHERCLIP II 700™



**A Powerful Concealed Clip System that
Withstands Any Weather Condition**

- Durable Material
- Superb Protection
- Flexibility Length



DMI
BUILDING PRODUCTS



MATERIAL

WeatherClip II 700 is made of Zinc / Aluminium alloy coated that complies with ASTM A792-G550-AZ150 (550 MPa minimum yield strength, 150g/m² minimum coating mass as determined by the prescribe triple sport test).

The Prepainted steel used in the manufacture of WeatherClip II 700 complies with ASTM A806 "Prepainted and Organic Film/Metal Laminate Products"

LENGTH

All products are available from DMI distributors in lengths up to 25 meters custom-cut to your length requirements. Lengths longer than 25 meters can be supplied, provided satisfactory transport and on-site handling by site-rollforming.

TOLERANCES

Length : 0, -15mm Cover width : $\pm$ 4mm

RECOMMENDED MAXIMUM SUPPORT SPACINGS

Base Metal Thickness (mm) BMT	ROOF (mm)			WALL (mm)			Maximum Cantilever (mm)
	Single Span	Internal Span	End Span	Single Span	Internal Span	End Span	
0.42	1600	2200	1700	2400	3600	3000	250
0.48	2000	2800	2300	2700	3900	3300	300

PROFILE SPECIFICATIONS

	ZINCALUME	PRE-PAINTED	ZINCALUME	PRE-PAINTED
Base Metal Thickness (BMT)	0.42		0.48	
Total Coated Thickness (TCT)	0.47		0.53	
Mass per unit Area (kg/m ²)	4.50	4.61	5.10	5.22
Mass per unit Length (Kg/m)	3.15	3.23	3.57	3.66
Coverage (m ² /t)	222	217	196	192

LOAD TABLE (Uniformly Distributed Load Over Continuous Span Condition)

THICKNESS	SPAN TYPE	LIMIT STATE	900	1200	1500	1800	2100	2400	3700	3000	3300	3600	3900
0.42mm BMT	SINGLE	Serviceability	3.07	2.50	2.10	1.55	1.16	0.88	0.66	0.51	0.38	-	-
		Strength	4.90	4.11	3.61	2.93	2.32	1.88	1.56	1.30	1.04	-	-
	INTERNAL	Serviceability	2.91	2.66	2.36	2.20	1.97	1.78	1.56	1.35	1.22	1.05	-
		Strength	5.41	4.63	3.88	3.21	2.72	2.42	2.19	2.03	1.81	1.52	1.27
	END	Serviceability	3.04	2.75	2.42	2.01	1.65	1.30	1.08	0.93	0.79	-	-
		Strength	5.56	4.28	3.37	2.78	2.57	2.42	2.21	1.84	1.53	1.17	1.02
0.48mm BMT	SINGLE	Serviceability	4.25	3.37	2.56	1.86	1.29	0.93	0.67	0.58	0.51	-	-
		Strength	6.31	5.22	4.23	3.38	2.75	2.20	1.81	1.62	1.44	1.39	-
	INTERNAL	Serviceability	3.78	3.31	2.91	2.55	2.23	2.03	1.85	1.69	1.50	1.28	1.03
		Strength	6.38	5.56	4.81	4.12	3.63	3.30	2.85	2.62	2.27	1.84	1.44
	END	Serviceability	3.83	3.36	2.89	2.42	2.01	1.68	1.57	1.36	1.22	1.05	0.88
		Strength	6.32	5.12	4.17	3.57	3.20	2.92	2.52	2.21	1.82	1.43	-