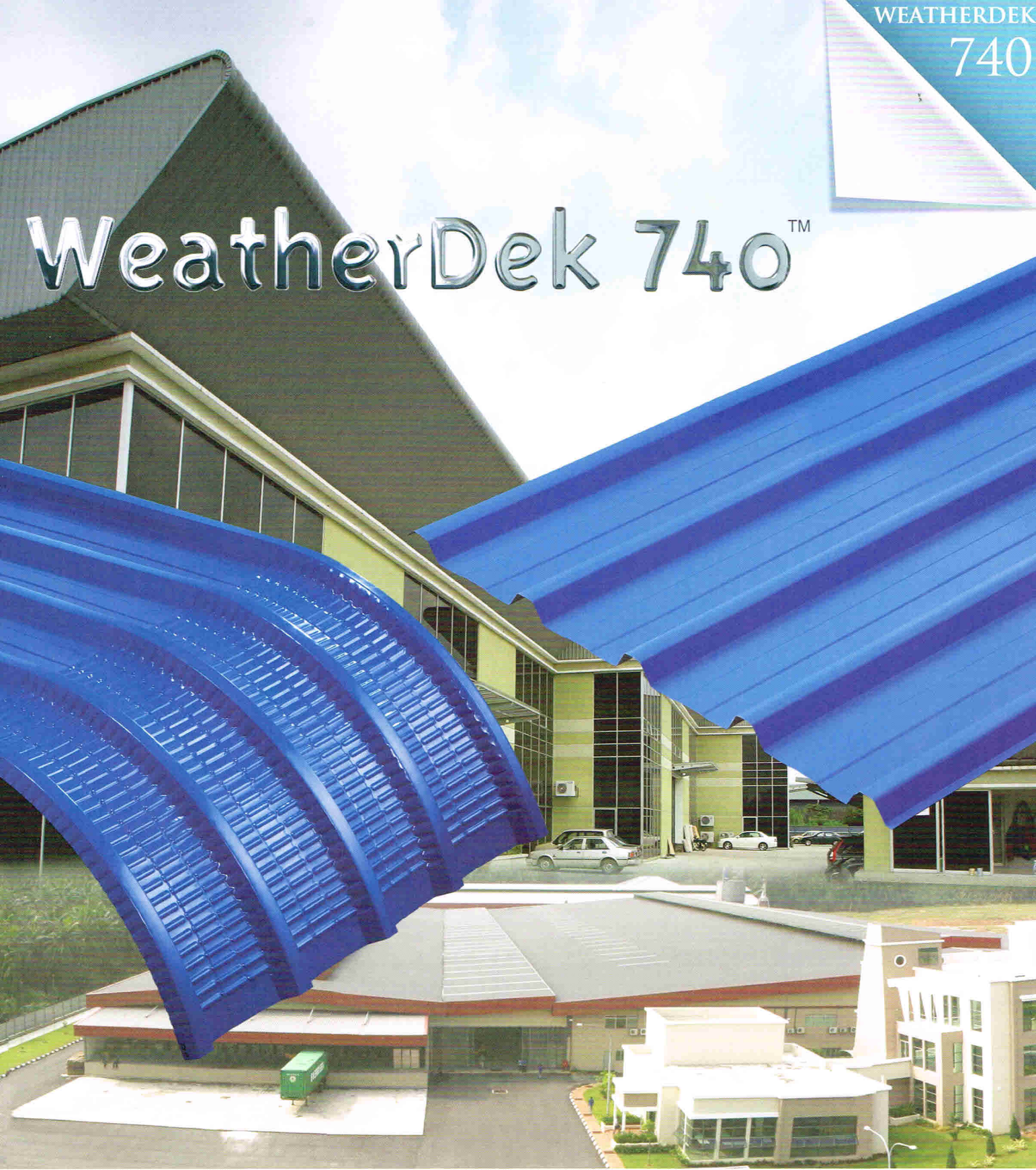


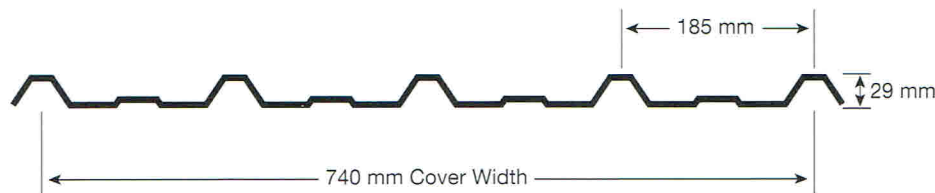
WEATHERDEK
740

WeatherDek 740™



• Versatility • Lightness • Strength

DMI
BUILDING PRODUCTS



MATERIAL

WeatherDek 740 is a stylish lightweight roof and wall cladding profile. Manufactured from high tensile steel, the profile has been engineered to give rigidity and wide span capability. The bold ribs provide strong and striking appearance and is equally suitable for industrial, domestic and commercial applications.

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.

TOLERANCES

Length : 0, -15mm Cover width : ± 4 mm

PACKING

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

PROFILE SPECIFICATIONS

	ECONOMY				REGULAR	
	Zincalume	Pre-painted	Zincalume	Pre-painted	Zincalume	Pre-painted
Base Metal Thickness (BMT)	0.30		0.35		0.42	
Total Coated Thickness (TCT)	0.35		0.40		0.47	
Mass per unit Area (kg/m ²)	3.16	3.20	3.66	3.69	4.29	4.37
Mass per unit Length (Kg/m)	2.34	2.37	2.72	2.73	3.26	3.25
Coverage (m ² /t)	318	313	277	271	233	229

TABLE 1 - MAXIMUM ALLOWABLE SUPPORT SPACINGS

Base Metal Thickness	Table Coated Thickness	ROOF (mm)					WALL (mm)			
		Single Span	End Span	Internal Span Overhang	Unstiffened Overhang	Stiffened	Single Span	End Span	Internal Span	Overhangs
0.30mm	0.35mm	710	710	1350	110	220	1350	1350	1600	110
0.35mm	0.40mm	900	900	1550	130	260	1600	1600	1950	130
0.42mm	0.47mm	1100	1100	1750	150	300	1950	1950	2400	150

LOAD TABLE (Uniformly Distributed Load Over Continuous Span Condition)

Basic Metal Thickness			900	1200	1500	1800	2100	2400
0.30mm	Safe Load Distribution	kPa	1.2	0.8	0.3	0.2	0.2	0.1
	Deflection Under Above Load	mm	3.6	3.2	4.5	6.3	5.9	6.2
	Safe Wind Uplift	kPa	2.9	2.3	1.7	1.8	1.7	1.5
0.35mm	Safe Load Distribution	kPa	2.8	2.2	1.2	0.7	0.5	0.3
	Deflection Under Above Load	mm	2.7	4.0	5.8	7.8	9.9	12.0
	Safe Wind Uplift	kPa	3.3	2.5	1.9	1.7	1.6	1.1
0.42mm	Safe Load Distribution	kPa	6.0	3.5	2.2	1.5	1.1	0.9
	Deflection Under Above Load	mm	2.9	5.0	7.0	10.0	14.0	18.0
	Safe Wind Uplift	kPa	3.8	2.9	2.3	1.7	1.2	1.0

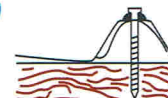
MINIMUM ROOF SLOPE

The normal recommended minimum roof slope is 1 in 20 (approximately 3°). However, in non-cyclonic areas where roofs are in single sheet lengths, with a run of less than 15 metres, a minimum roof slope of 1 in 30 (approximately 3°) may be used. For recommended slope of roofs in cyclonic areas, please consult our DMI Distributors's Office.

SHEET LAYING AND FASTENING

Crest Fastener Location

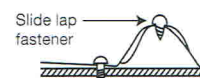
(Recommended for roofing)



Crest fixing to Steel or Timber roofing and walling (shown to Timber)

Valley Fastener Location

(Recommended for roofing)



Slide lap fastener
Valley fixing to Steel or Timber roofing and walling (shown to Steel)

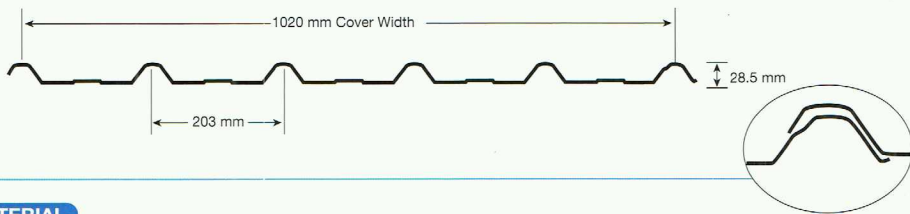
WEATHERDEK II
1020
(WD II-1020)

weatherdek II 1020™

Ultimate Strength • Superb Versatility • Economical

DMI
BUILDING PRODUCTS

WEATHERDEK II 1020™ (WD II-1020)



MATERIAL

WeatherDek II 1020 (WD II-1020) a major development of the system is to bring the product to the construction site to minimize the number of joints required on the roof. It's have developed the system to offer complete design flexibly to the client. The strong emphasis placed on innovation, customer services and quality, has enabled the product top build and maintain on impressive client portfolio.

It is economical to use due to its great spanning capability over other profiles and as such it helps to reduce steel Purlin cost. Furthermore, it offers much more superior protection against leakage, particularly in places with heavy rainfall, a typical characteristic of the Malaysian climate.

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.

TOLERANCES

Length : 0, -15mm Cover width : ± 4 mm

PACKING

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

MINIMUM ROOF SLOPE

The normal recommended minimum roof slope is 1 in 20 (approximately 3°). However, in non-cyclonic areas where roofs are in single sheet lengths, with a run of less than 15 metres, a minimum roof slope of 1 in 30 (approximately 3°) may be used.

PROFILE SPECIFICATIONS

	ZINCALUME	PRE-PAINTED	ZINCALUME	PRE-PAINTED	ZINCALUME	PRE-PAINTED
Base Metal Thickness (BMT)	0.35		0.42		0.48	
Total Coated Thickness (TCT)	0.40		0.47		0.53	
Mass per unit Area (kg/m ²)	3.53	3.58	4.19	4.24	4.74	4.80
Mass per unit Length (Kg/m)	3.58	3.63	4.25	4.30	4.81	4.87
Coverage (m ² /t)	284	280	236	236	211	208

MAXIMUM ALLOWABLE SUPPORT SPACINGS

Base Metal Thickness	Table Coated Thickness	ROOF (mm)			WALL (mm)		
		Single Span	Internal Span	End Span	Single Span	Internal Span	End Span
0.35mm	0.40mm	700	1360	965	1053	2105	1850
0.42mm	0.47mm	888	1636	1120	1590	2600	2290
0.48mm	0.53mm	1250	1970	1350	1827	2885	2500