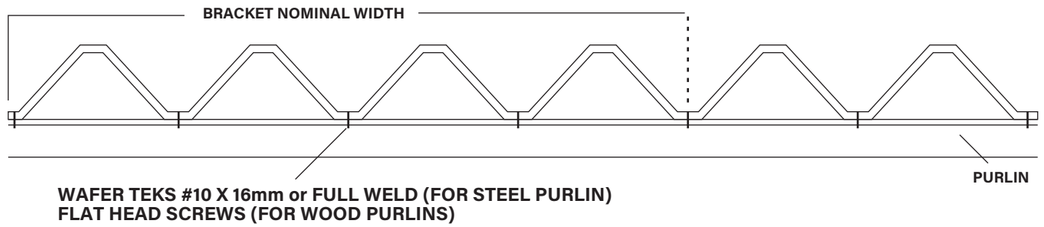
Colorbond®

MEGADEK®

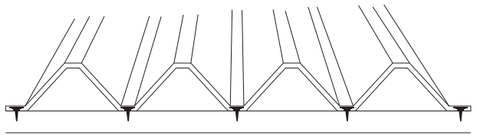


INSTALLATION PROCEDURE

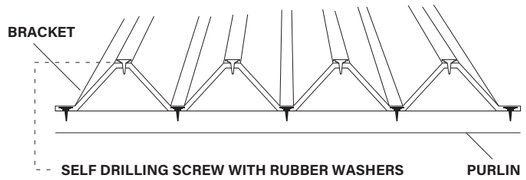
MOUNTING / FASTENING BRACKET ONTO PURLINS



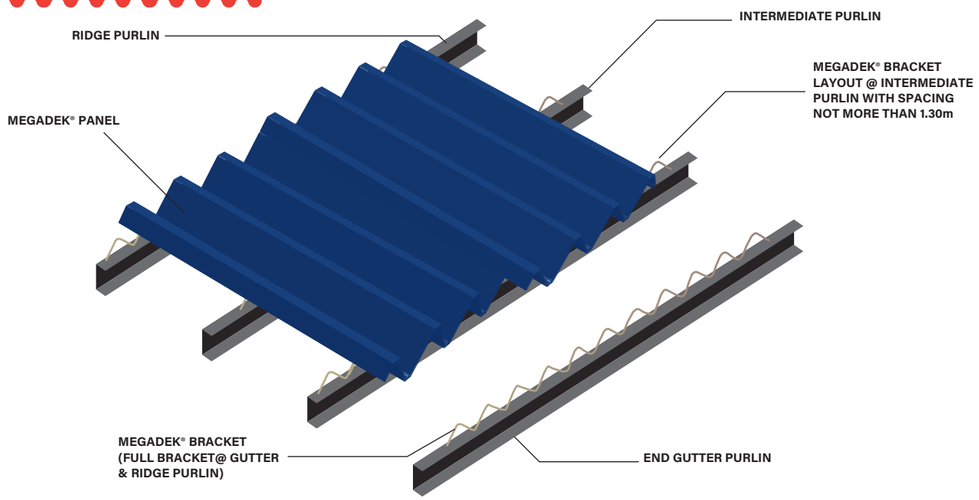
MOUNTING MEGADEK® ONTO BRACKET



FASTENING MEGADEK® ONTO BRACKET



BRACKET LAYOUT



Philmetal | BUILT TO LAST ROOFING DECKING FRAMING

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MEGADEK SERIES JAN2026

Philmetal

Widest V-Span for Maximum Purlin Spacing

100mm Tallest Rib Height for Better Rain Drain-off

Colorbond®

MEGADEK®

Engineered for Performance.
Designed for Low-Slope Excellence.

- Ideal for Almost Zero-Slope Roofing
- Wide Cover for Faster Installation
- Superior Weather Performance
- High Structural Strength

PERFECT FOR LOW-SLOPE APPLICATIONS

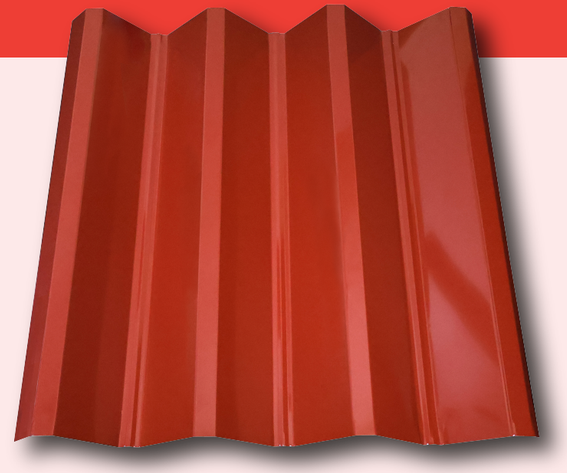
BUILT TO LAST ROOFING

Available in different colors
(may vary from actual product)

BAGUIO GREEN | SAMAR BEIGE | SPANISH RED | UMBRA GRAY | MS RED | BATANGAS BROWN | DepEd BLUE | PACIFIC BLUE

Colorbond®

MEGADEK®



COLORBOND® Megadek is a high-strength, wide-cover roofing profile engineered to deliver superior performance on structures requiring very low roof slopes. Its unique rib geometry and deep corrugation design ensure excellent water flow, durability, and structural integrity.

GENERAL PRODUCT INFORMATION

BASE METAL TYPE: Cold Rolled Steel: 550 MPa (80,000 psi.); 275MPa (40,000 psi.)

SUBSTRATE: GALVALUME 55™, Zinc-Aluminum alloy coated steel complying with ASTM A792. Also available in GALVABOND™; Lock Forming Quality (PNS 67:1986)

PAINT COATING STANDARD:
Double oven-baked epoxy primer and high grade polyester finish.

COATING:
All coating requirements can be adjusted to comply with the engineering or architectural specifications.

OPTIONAL: Premium Polyvinylideneflouride (PVdF) paint finish for extended protection under harsh environments.

AVAILABLE THICKNESSES: 0.40mm to 0.80mm

LENGTH: Longspan. Longer lengths can be arranged for on-site rollforming.

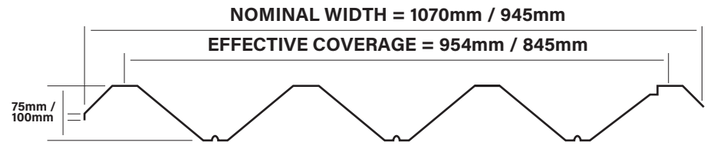
RAINFALL CAPACITY: May vary depending on the slope elevation, panel length and installation.

APPLICATIONS: Warehouses, manufacturing plants, commercial structures, covered courts & gymnasiums, transport terminals and agricultural buildings.

STANDARD COLORS: Dep Ed Blue, Pacific Blue, Batangas Brown, MS Red, Umbra Gray, Spanish Red, Samar Beige, Baguio Green. Special colors are available upon request.

NOTE:
Thicker paint and coating mass as well as longer spans can be arranged.

MEGADEK® LOADING TABLES



MEGADEK® 75 Section Properties

THICKNESS	WEIGHT	AREA		Ix		STOP		SBOT		YTOP		YBOT	
mm	kg/m²	mm²	in²	mm⁴	in⁴	mm³	in³	mm³	in³	mm	in.	mm	in.
0.40	3.02	439.24	0.208	315432	0.231	9023	0.168	7878	0.147	34.96	1.376	40.04	1.576
0.50	4.01	585.65	0.277	420575	0.308	12047	0.224	10491	0.195	34.91	1.374	40.09	1.578
0.60	4.90	718.75	0.340	516161	0.378	14807	0.276	12859	0.239	34.86	1.372	40.14	1.580

0.40mm

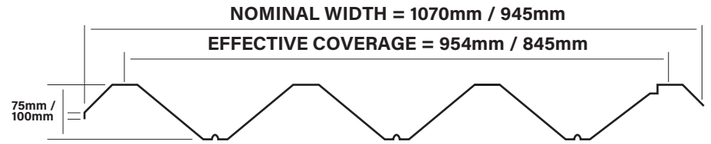
SPAN BETWEEN SUPPORTS	mm	600	800	1000	1200
LOAD / DEFLECTION	psf / in.	1038 / 0.05	584 / 0.09	373 / 0.15	259 / 0.21
L / 240	psf	1951	823	421	243
L / 360	psf	1301	549	281	163

0.50mm

SPAN BETWEEN SUPPORTS	mm	600	800	1000	1200	1400
LOAD / DEFLECTION	psf / in.	917 / 0.03	515 / 0.06	330 / 0.1	229 / 0.14	168 / 0.19
L / 240	psf	2602	1097	562	325	204
L / 360	psf	1935	732	375	217	137

0.60mm

SPAN BETWEEN SUPPORTS	mm	600	800	1000	1200	1400	1600
LOAD / DEFLECTION	psf / in.	1130 / 0.03	635 / 0.06	406 / 0.1	282 / 0.14	207 / 0.19	158 / 0.25
L / 240	psf	3193	1347	689	399	251	168
L / 360	psf	2129	898	460	266	168	112



MEGADEK® 100 Section Properties

THICKNESS	WEIGHT	AREA		Ix		STOP		SBOT		YTOP		YBOT	
mm	kg/m²	mm²	in²	mm⁴	in⁴	mm³	in³	mm³	in³	mm	in.	mm	in.
0.40	3.02	503.79	0.238	602566	0.441	13031	0.242	11208	0.208	46.24	1.820	53.76	2.117
0.50	4.01	671.72	0.317	803421	0.588	17398	0.323	14928	0.277	46.18	1.818	53.82	2.119
0.60	4.90	824.38	0.390	986017	0.722	21375	0.398	18304	0.340	46.13	1.816	53.87	2.121

0.40mm

SPAN BETWEEN SUPPORTS	mm	600	800	1000	1200
LOAD / DEFLECTION	psf / in.	1495 / 0.04	841 / 0.07	538 / 0.11	373 / 0.16
L / 240	psf	3725	1571	804	465
L / 360	psf	2484	1048	537	310

0.50mm

SPAN BETWEEN SUPPORTS	mm	600	800	1000	1200	1400
LOAD / DEFLECTION	psf / in.	1322 / 0.03	744 / 0.05	476 / 0.07	330 / 0.1	242 / 0.14
L / 240	psf	4967	2095	1076	620	391
L / 360	psf	3312	1397	715	414	261

0.60mm

SPAN BETWEEN SUPPORTS	mm	600	800	1000	1200	1400	1600
LOAD / DEFLECTION	psf / in.	1629 / 0.03	916 / 0.05	586 / 0.07	407 / 0.1	299 / 0.14	229 / 0.19
L / 240	psf	6099	2573	1317	762	480	321
L / 360	psf	4067	1716	878	508	320	214