Colorbond®

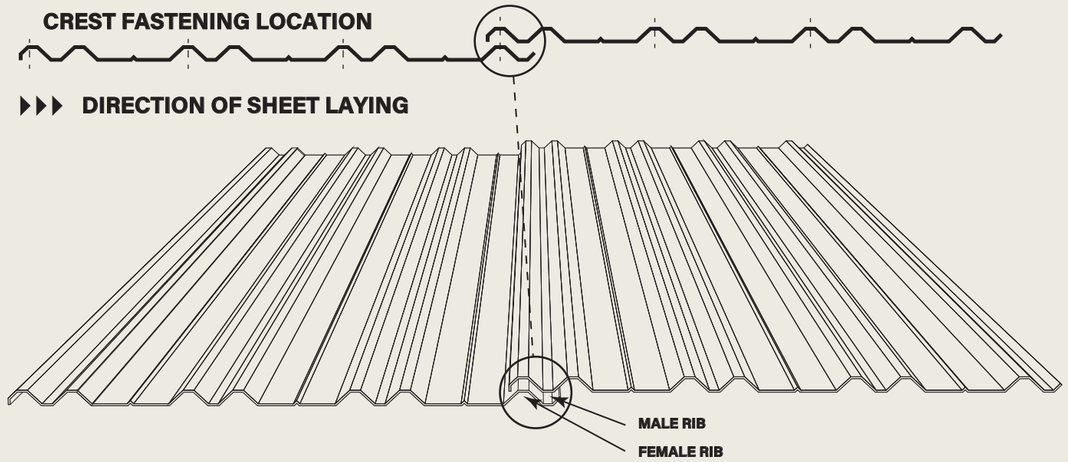
SUPER-V-CRIMP®



The **COLORBOND® Super V-Crimp Twin Rib Panel** is engineered for projects that demand superior structural integrity and modern aesthetics. With its **twin-rib design** and **higher rib height** compared to ordinary rib-type roofs, this profile delivers enhanced strength, better rainwater discharge, and improved wind resistance.

Made with premium **GALVALUME® 55** base metal and protected by advanced **COLORBOND® pre-painted technology**, the Super V-Crimp offers long-lasting performance for roofing and siding applications.

SHEET LAYING PROCEDURE



SHEET LAYING PROCEDURE

1. Lift sheets onto roof right way up with either the male or female rib facing the same direction, otherwise, sheets will have to be turned end-for-end during fixing. For correct side lapping, the side with the longitudinal anti-capillary flute (female rib) should be covered by the side of a lngitudinal flute (male rib).

2. Fixing of walling applications is similar to roofing.

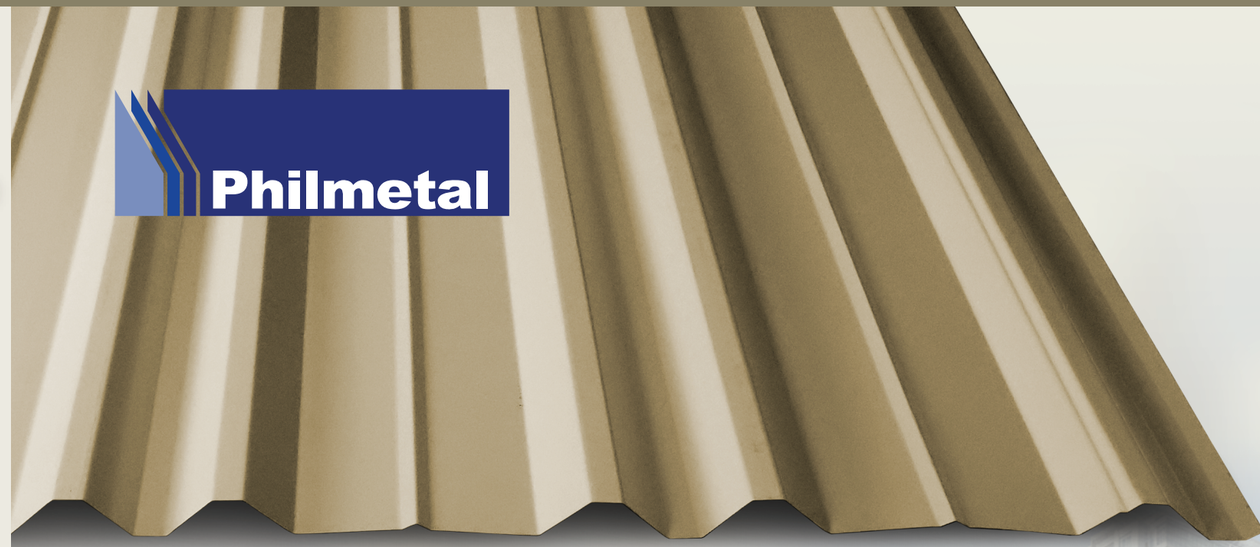
3. Where SUPER V CRIMP roof pitches are less than 15°; or where the roof is exposed to extreme weather conditions, sheet flanges should be turned up approximately 80° at the high-end of the roof, i.e., at the ridges or fascia, and turned down approximately 15° at the gutter.

4. A turn-up tool is available for these operations which can be carried out before or after sheets are fixed in position. If turned up after fixing, at least 25mm clearance is required at the end of the sheets to position the tool.

SUPERVCRIMP SERIES JAN2026

Philmetal BUILT TO LAST ROOFING DECKING FRAMING

philmetal.com philmetal.products.inc (+63) 918-9057978

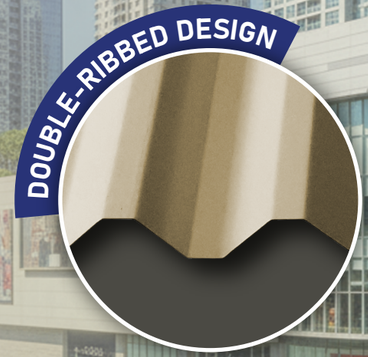


Philmetal

Colorbond®

SUPER-V-CRIMP®

Stronger Profile. Higher Ribs. Smarter Performance.



- Twin-Rib Structural Design
- Higher Rib Height for Better Water Flow
- COLORBOND® Coated for Durability
- GALVALUME® 55 Base Metal
- Versatile for Roofing and Siding

SUPERIOR STRUCTURAL STRENGTH FOR ENHANCED WEATHER PERFORMANCE

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®

SUPER-V-CRIMP®



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
Available up to 18m factory-cut custom lengths. Longer panels can be supplied provided satisfactory transport and on-site handling can be arranged.

ON-SITE ROLLFORMING CAN BE ARRANGED AT MINIMAL CHARGES.

WIDTH: Nominal Width = 1050mm
Effective Coverage = 950mm

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

APPLICATIONS: Roofing and Sidings

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.

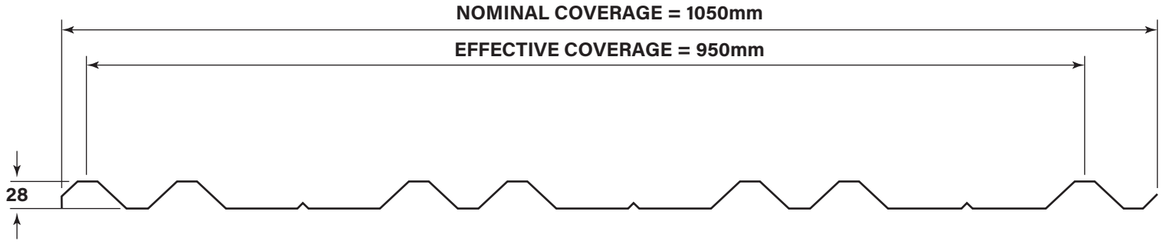
RECOMMENDED FASTENERS
STEEL: Teks # 12-24 x 55mm with Neoprene washer
WOOD: Teks # 12-11 x 65mm with Neoprene washer

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

MINIMUM SUPPORT SPACING:

For Roofing	End Spans	4′ - 4″ (1300mm)
	Internal Spans	6′ - 0″ (1800mm)
For Walling	End Spans	6′ - 0″ (1800mm)
	Internal Spans	7′ - 0″ (2100mm)

CROSS SECTION



TECHNICAL INFORMATION

SUPER V CRIMP® 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	425.67	0.201	46734.1	0.034	2518	0.047	4951	0.091	18.56	0.731	9.44	0.372
0.50	4.01	567.56	0.268	62312.2	0.046	3366	0.063	6566	0.123	18.51	0.729	9.49	0.374
0.60	4.90	696.55	0.329	76474.1	0.056	4143	0.077	8016	0.149	18.46	0.727	9.54	0.376

0.40mm

SPAN BETWEEN SUPPORTS	mm	600	700	800
LOAD / DEFLECTION	psf / in.	290 / 0.10	213 / 0.14	163 / 0.18
L / 240	psf	287	180	121
L / 360	psf	191	121	81

0.50mm

SPAN BETWEEN SUPPORTS	mm	600	700	800	900
LOAD / DEFLECTION	psf / in.	257 / 0.07	189 / 0.09	145 / 0.12	114 / 0.15
L / 240	psf	388	244	163	115
L / 360	psf	259	163	109	77

0.60mm

SPAN BETWEEN SUPPORTS	mm	600	700	800	900	1000
LOAD / DEFLECTION	psf / in.	315 / 0.07	231 / 0.09	177 / 0.12	140 / 0.15	113 / 0.18
L / 240	psf	473	297	199	140	102
L / 360	psf	315	199	133	93	68

DESIGN CRITERIA

1. Steel grade is 80,000 psi / 40,000 psi
2. Section properties and Load Tables were computed in strict compliance with the specifications of AISI.
3. Bending moment formulas used for flexural stress limitations are:

   Simple Span or Double Span $\frac{M=wL^2}{8}$

   Three-Span $\frac{M=wL^2}{10}$

4. Deflection formulas for deflection limitations are:

   One-Span $\frac{5wL^4}{384\ EI}$

   Two-Span $\frac{wL^4}{185\ EI}$

   Three-Span $\frac{0.0069\ wL^4}{EI}$

5. Minimum Yield Point 80,000 psi / 40,000 psi
   Allowable Design Stress 36,000 psi / 24,000 psi