



**Swissma**  
BUILDING TECHNOLOGIES SDN. BHD.

# Sanko Roof Deck



## A Quality Metal Roofing & Cladding Product

**Colorbond®**

**Zincalume®**

**PRIMA®**  
M A J U

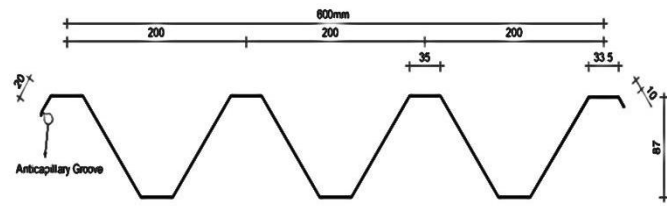
Available in COLORBOND® steel, ZINCALUME® steel, PRIMAMAJU-R™ steel and other types of coating or other materials.

- **Application:**  
For industrial or commercial buildings.
- **Special On-site Forming:**  
For lengths exceeding the permissible normal transportation, roofing profile can be formed at site to eliminate end lapping.
- **Easy Installation:**  
Installed using self-drilled screws with bonded neoprene washers.

COLORBOND®, ZINCALUME® and PRIMAMAJU® are registered trade marks of BlueScope Steel Limited.



Effective Width : 600mm  
 Rib Height : 87mm  
 Minimum Roof Pitch : 1°



Natural Curve:  
 Minimum radius of curvature of steel structure is 150m.

**Physical Properties**

B.S.T. (mm)	0.42E	0.48E	+0.60E	+0.80E
Self Weight (kg/m <sup>2</sup> )	5.48	6.14	7.63	10.03

**Maximum Recommended Support Spacings (m) - Roof**

B.S.T. mm	End Span	Internal Span	Cantilever
0.42E	2.70	3.00	1.00
0.48E	3.00	3.20	1.00
+0.60E	3.60	4.00	1.50
+0.80E	4.50	5.00	2.00

**Maximum Recommended Support Spacings (m) - Wall**

B.S.T. mm	End Span	Internal Span	Cantilever
0.42E	2.90	3.30	1.00
0.48E	3.20	3.60	1.00
+0.60E	3.80	4.30	1.50
+0.80E	4.70	5.30	2.00

**Note:** E = High Tensile Steel (550Mpa)  
 B.S.T. = Base Steel Thickness  
 + = Non-standard Thickness

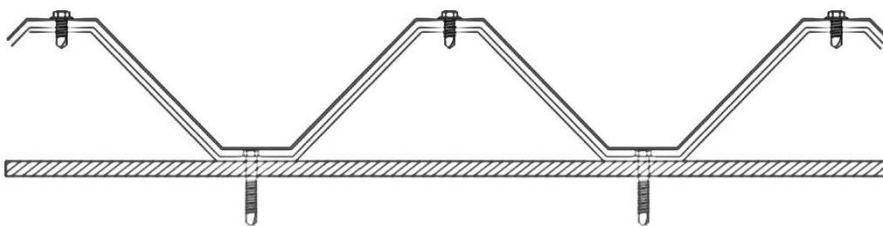
**Installation**

**Laying Procedure**

It is always advisable to lay sheets with side laps facing away from the direction of prevailing winds.

**Crest Fixing For Roof**

Self-drilling Hexagon head screws with bonded neoprene washers. (AS3566 Class 3)



**End Laps**

230 mm – For roof pitches below 5°  
 150 mm – For roof pitches above 5°



For enquiries, please contact:  
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