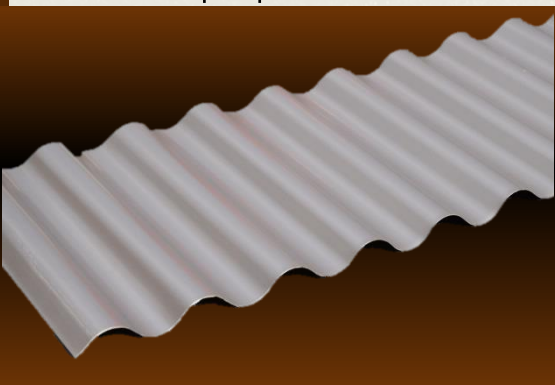




Swissma
BUILDING TECHNOLOGIES SDN. BHD.

Sanko Sinusoidal



A Quality Metal Roofing & Cladding Product

Colorbond[®]

Zincalume[®]

PRIMA[®]
M A J U

Available in COLORBOND[®] steel, ZINCALUME[®] steel, PRIMAMAJU[®] steel and other types of coating or other materials.

- **Application:**
For industrial or commercial buildings.
- **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 : 684mm
 Rib Height : 18mm
 Minimum Roof Pitch : 7°



Physical Properties

B.S.T. mm	Self Weight kg/m ²	M.O.I. Ixx cm ⁴	Sec. Mod. Zxx cm ³
0.42E	3.96	1.82	1.97
0.48E	4.51	2.07	2.25

Maximum Roof Length (m) vs Rainfall Intensities
 (Based on maximum water level at 8mm)

Rainfall mm/hr	Roof Pitch (Degree)				
	7°	10°	12°	15°	20°
250	10	12	13	15	17
300	8	9	10	12	14
350	6	7	8	9	11
400	5	6	7	8	9

Maximum Recommended Support Spacings (m) – Roof
 (Based on 75kg/m² design live load)

B.S.T. mm	End Span	Internal Span	Cantilever
0.42E	1.00	1.50	0.15
0.48E	1.10	1.70	0.15

Maximum Recommended Support Spacings (m) – Wall
 (Based on 98kg/m² design live load)

B.S.T. mm	End Span	Internal Span	Cantilever
0.42E	1.00	1.40	0.20
0.48E	1.10	1.50	0.20

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

M.O.I. = Moment of Inertia
 Sec. Mod. = Section Modulus

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).



Valley Fixing For Cladding and Fascia

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



End Laps

230 mm – For roof pitches below 3° ; 150 mm – For roof pitches above 5°

Turn-up Edge

Irrespective of roof slopes, it is compulsory to turn up the edges of the sheets at the top end. This will act as a shield to any possible back splash of water into the building.



For enquiries, please contact:
Swissma Building Technologies Sdn Bhd (444319-T)
 Jalan Utas 15/7, Shah Alam Industrial Estate,
 P.O. Box 7053, 40700 Shah Alam,
 Selangor Darul Ehsan, Malaysia
 Tel: 603-5519 1360
 Fax: 603-5510 1362
 Email: enquiry@swissma.com
 Website: www.swissma.com.my

Manufactured by:
Associated Steel Industries (M) Sdn Bhd (18972-X)
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