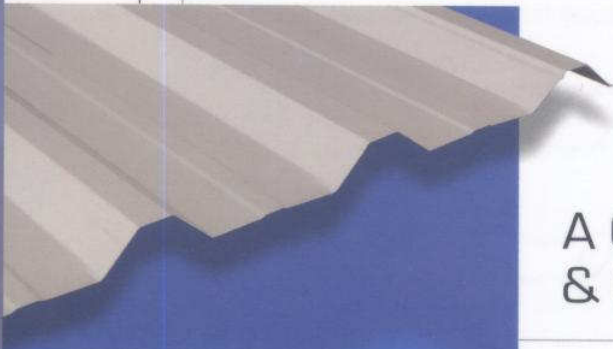


Sanko SK RIB 38 II

The Sanko logo consists of the word "Sanko" in a bold, sans-serif font. The letter "S" is red, while the remaining letters "anko" are black.A close-up photograph of the Sanko SK RIB 38 II metal roofing profile, showing its characteristic corrugated shape and the way the ribs interlock.

A Quality Metal Roofing & Cladding Product

Available in Clean COLORBOND® steel, ZINCALUME® steel, PRIMAJU™ steel and other types of coating or other materials.

The Clean Colorbond logo features the word "clean" in a blue script font, followed by "Colorbond" in a bold, black sans-serif font.

The Zincalume logo consists of the word "Zincalume" in a bold, black sans-serif font, with a registered trademark symbol (®) to the upper right.

The PrimaMaju logo features the word "PrimaMaju" in a bold, blue sans-serif font, with a trademark symbol (™) to the upper right.

• **Application:**

For all types of buildings (industrial, commercial or residential).

• **Special Features:**

Its high corrugations can cater to very low roof pitch. Ability to span far hence save purlin cost.

• **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-drilling screws with bonded neoprene washers.

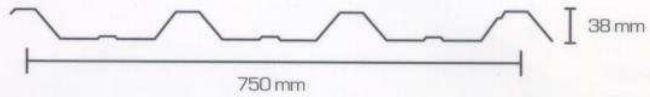
COLORBOND® and ZINCALUME® are registered trade marks of BlueScope Steel Limited.

PRIMAJU™ are trade marks of BlueScope Steel Limited

BlueScope is a trade mark of BlueScope Steel Limited. ABN 16 000 011 058

Copyright © 2007 by BlueScope Steel (Malaysia) Sdn Bhd. All rights reserved. No part of this brochure may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without written permission of BlueScope Steel (Malaysia) Sdn Bhd.

Effective Width : 750 mm
 Rib Height : 38 mm
 Minimum Roof Pitch: 1°



Natural Curve:
 Minimum radius of curvature of steel structure is 70 m.

Crimp Curve:
 Minimum bending radius is 450 mm. For crimp curving, we recommend non high tensile steel.

Physical Properties

B.S.T. mm	Self Weight kg/m ²	M.O.I. lxx cm ⁴	Sec. Mod. Zxx cm ³
0.35E	3.72	9.63	3.97
0.42E	4.39	11.52	4.77
+0.48E	4.97	13.14	5.45
+0.55E	5.64	15.67	6.54
+0.60E	6.11	16.38	6.82

Maximum Roof Length (m) vs Rainfall Intensities (Based on maximum water level at 21 mm)

Rainfall mm/hr	Roof Pitch (Degree)					
	1°	3°	5°	7°	10°	12°
250	57	99	125	150	177	195
300	47	83	105	125	149	165
350	40	70	90	105	128	138
400	35	60	80	95	110	122

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

B.S.T. mm	End Span	Internal Span	Cantilever
0.35E	1.90	2.30	0.20
0.42E	2.00	2.50	0.20
+0.48E	2.10	2.70	0.30
+0.55E	2.20	2.90	0.30
+0.60E	2.30	3.00	0.30

Maximum Allowable Support Spacings (m) - Wall (Based on 40 m/s design wind load)

B.S.T. mm	End Span	Internal Span	Cantilever
0.35E	2.00	2.50	0.30
0.42E	2.20	2.70	0.30
+0.48E	2.40	2.85	0.30
+0.55E	2.50	3.00	0.30
+0.60E	2.60	3.10	0.30

Note: E = High Tensile Steel (550 MPa)
 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 the prevailing wind.

Crest Fixing For Roof

Self-drilling Hexagon Head screws with bonded neoprene washers.



Valley Fixing For Cladding and Fascia

Self-drilling Hexagon Head screws.



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.



Manufactured by:
Associated Steel Industries (M) Sdn Bhd (18972-X)
 (A Subsidiary of Swissma Building Technologies Sdn Bhd)

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 : (006) 03 5519 1360

Fax: (006) 03 5510 1362

Email : enquiry@swissma.com

Website: www.asim.com.my

Distributed by:

