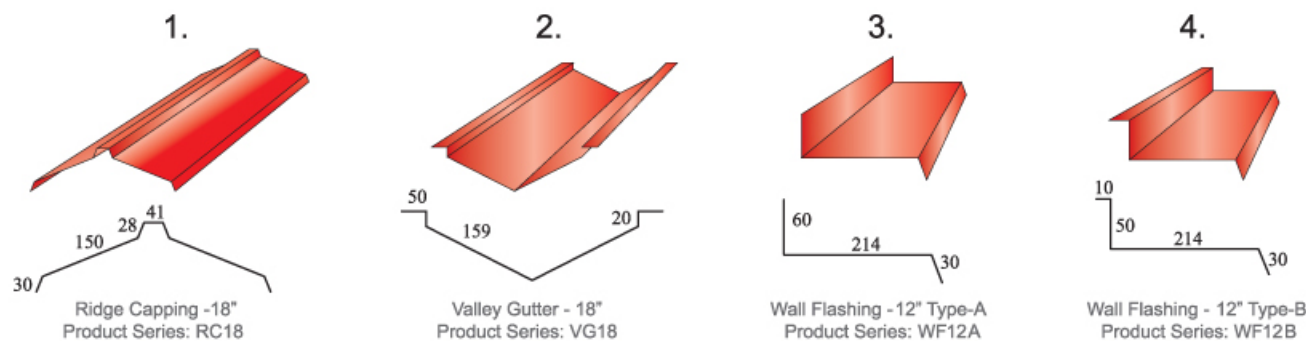


Accessories

Length available up to 19'8" (6m), subject to transportation limitation



Note: All the measurements are in millimeters (mm). The above items shown are just some of our standard profiles; for customized or specific profile requirements, kindly contact our customer service for assistance.

Project Reference



www.rofo.com.my

Manufactured by:



Kina Roof Industries (Sabah) Sdn. Bhd. (667221-X)
Rofofor You Marketing Sdn. Bhd. (1030310-X)

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欲しい 屋根 , 欲しい Rofo



SABAH INDUSTRY
EXCELLENCE AWARD 2009



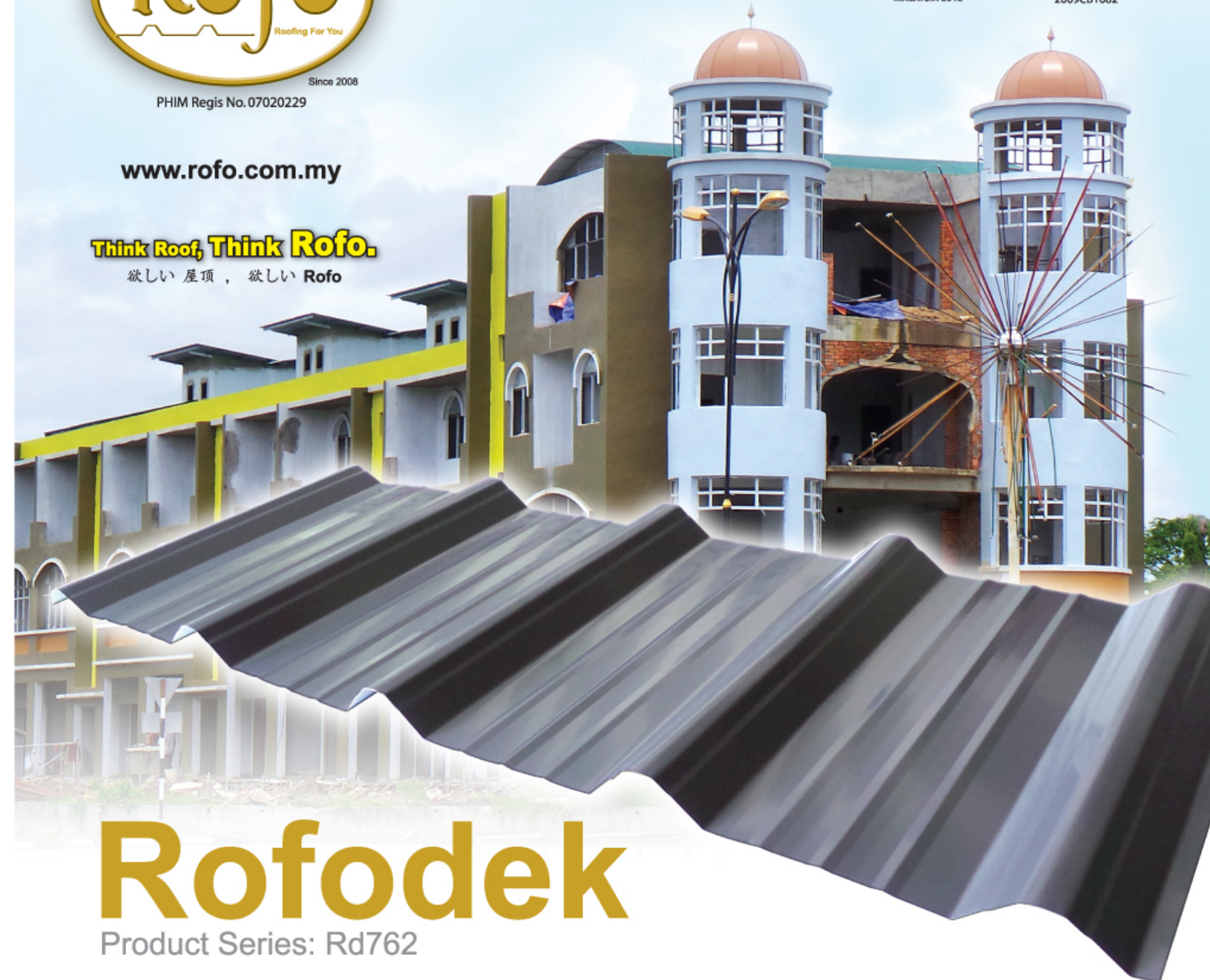
GOLDEN BULL AWARD 2012



WINNER OF THE
BEST MANUFACTURER
MALAYSIA 2012



SQAS Tested Report no.
2009CB1082



Rofodek

Product Series: Rd762

Advantages:

COST SAVING

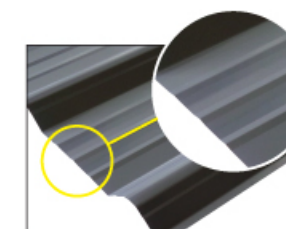
The high strength and rigidity profile design provide good support for wide span structural frame spacing, hence reducing structure cost. Fixing is by simple pierce fastening method.

PROTECTION

AZ 55% material provide better protection and durability's to any building.

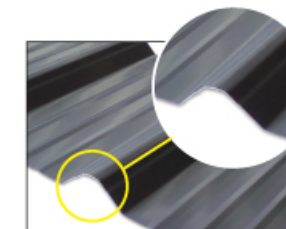
STRENGTH

Good profile design and sectional properties permits wider frame spacing and provides high performances for the building design considerations on wind, live and dead loads.



FREE DENTED PROBLEM

The three "Bounced" small ribs design provide great rigidity in the pan area and prevent dents or flexing problems



ANTI LEAKAGE FEATURE

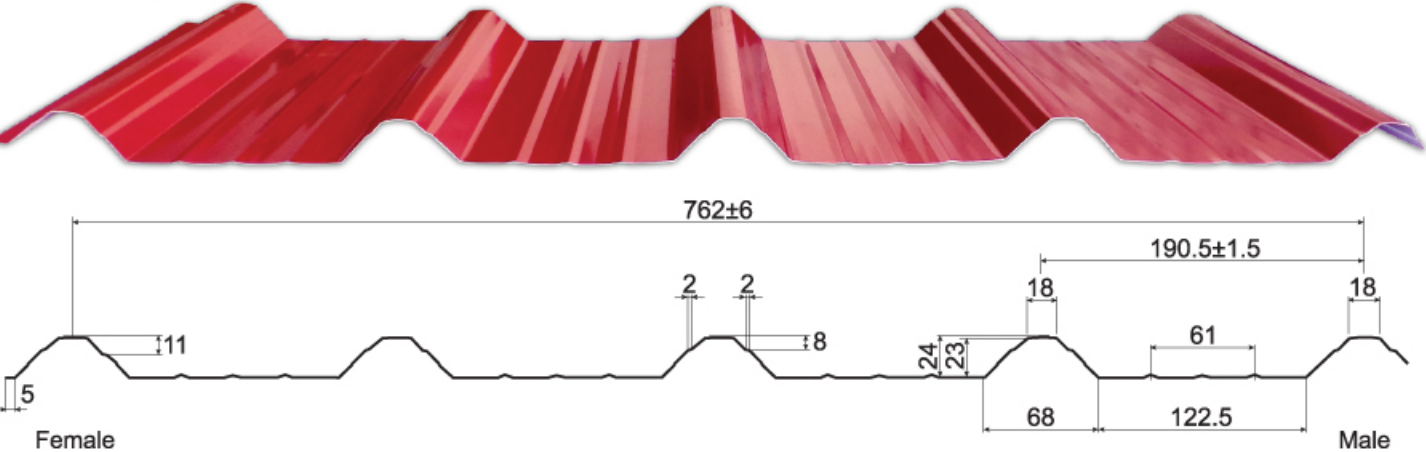
Capillary drain built along the under lap rib prevents water entry even during storm



Introduction

- Rofodek is high tensile with 5 ribs. This cost effective profile provide good spanning ability.
- A common profile, widely used.
 - Suitable for roof and cladding in industrial, commercial and domestic buildings. This low cost, high quality product is manufactured locally by means of continuous cold roll forming process using high quality pre-coated steel coils from reputable steel mills.

Profile Specification

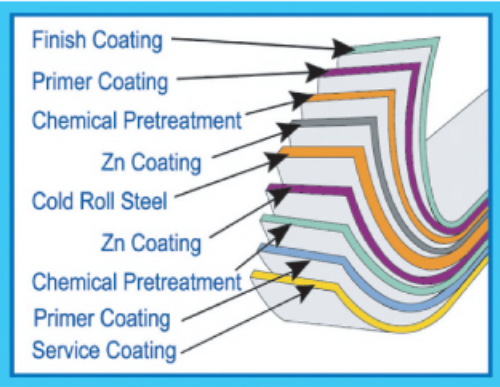
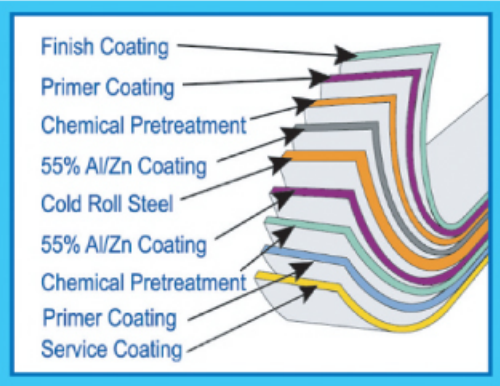


Structure Detail					
Thickness mm(BMT/TCT)	I ₁ mm ⁴	I ₂ mm ⁴	Sc mm	St mm	A mm ²
0.30/0.35	16074820	20959.1	382.9	379.3	276.1646
0.35/0.40	18752770	24446.6	382.9	379.3	322.1852
0.38/0.44	20359300	26538.4	382.9	379.3	349.7966
0.40/0.46	21430300	27932.7	382.8	379.3	368.2038
0.42/0.48	22501300	29326.7	382.8	379.3	386.6107

Material Specification

Materials used for Rofodek have gone through the stringent tests such as tensile strength, UV (simulated), cyclic corrosion, QCT Condensation Test, gloss uniformity, T-bend, impact resistance and Optical admission.

- Base Metal Steel : Complies With JIS G3312; AS1397; MS1196
- Minimum Tensile Strength : 550 Mpa
- Base Steel Coating : Zinc Coated (Z18) or Aluminum Zinc 55% Coated (AZ150, AZ100)
- Standard Paint System : Primer Coat: Epoxy
Finish (Top Coat): Polyester
Service (Backer): Polyester
- Paint Coating Thickness : Service (Baker) Coat: 5 - 10µm max
- Primer Coat : 5 - 10µm max
- Finish Coat : 15 - 25µm max
- Primer + Finish Coat : 20 - 35µm max



Color and Corrosion Protection Coating

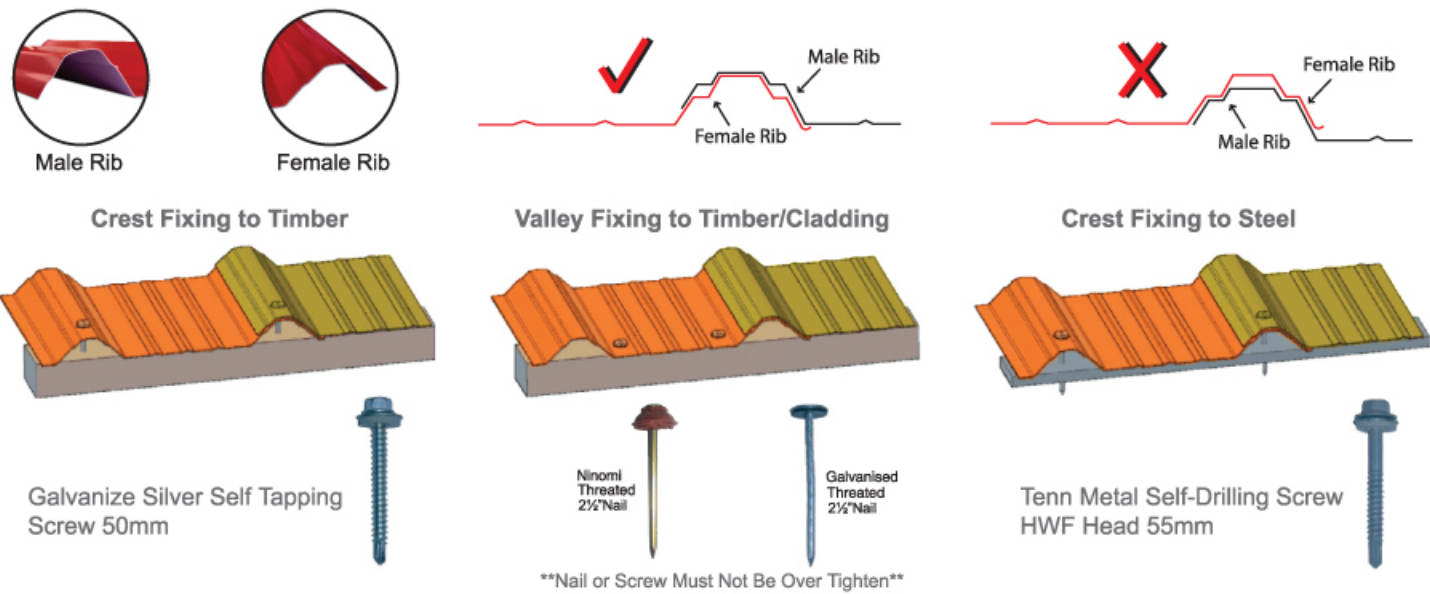
All material used in the production of Rofodek are multi layer coated with a substrate of hot dip zinc or aluminum Zinc coated steel coil. The steel (base metal) can be of difference grade and the coating thickness may varies per customer's needs.. The base coating provides an efficient corrosion protection in areas where the organic coating is damaged.

Roofing Pitch

Rofodek is suitable for any roof pitch more than 3°. Subject to length (e.g. length ≥ 6m will ratioly increase).

Fixing Detail

Fixing and Overlapping Details- Male and Female



Recommended Fasteners

The entire fastener must meet to AS3566 Class 3 for roofing and Class 2 for cladding.

- Steel framing (up to 5mm thickness):
- Crest Fixed
- No 12 x 45 Hex Head Self Drilling Tek with Neo. Washer.
- Valley Fixed
- No 10 x 16 Hex Head Self Drilling Tek with Neo. Washer.

- Timber Framing (Hardwood):
- Crest Fixed
- No 12 x 65 Hex Head Type 17 Self Drilling Wood Screws with Neo. Washer.
- Valley Fixed
- No 12 x 40 Hex Head Type 17 Self Drilling Wood Screws with Neo. Washer.

SIDE LAP FASTENERS

These are added at the mid-span of the sheets for support spacing over 900mm for roofs and 1200mm for walls to give weatherproofing. Use No 8 x 12 Hex Head Type S Self Drilling Screw with Neo. Washer or sealed blind rivets.

METHODS OF FIXING

- Roofs – Pierce fix through crests using 1 fastener through every rib at every support (4 fasteners per sheet).
- Walls – Crest fixing as for roofs or Valley fixing can be used.
- Valley fixing requires 1 fastener beside every rib at every support (6 fasteners per sheet).
- If valley fastening is used, side lap fasteners must be added beside each main fastener.

Maximum Support Spacing Table

Total Coating Thickness (mm)	Mass (kg/m2)	Area (m2/mt)	Width of Coverage (mm)	Max, Allowable Spacing Support						Max. of Overhang Stiffened (mm)
				Roofs			Walls			
				Single Span (mm)	End Span (mm)	Internal Span (mm)	Single Span (mm)	End Span (mm)	Internal Span (mm)	
±0.48	4.31	±232	762	1050	1300	1650	2100	2400	2700	300
±0.46	3.82	±262	762	900	1100	1450	1850	2100	2350	300
±0.40	3.55	±282	762	800	1000	1250	1650	1900	2100	250
±0.35	3.09	±324	762	650	800	950	1300	1550	1650	200

This is recommended under non cyclonic Area with conditions as AS1170

