



Since 2008

PHIM Regis No. 07020229



Rofo Span 750

Think Roof, Think Rofo.

欲しい 屋根, 欲しい Rofo

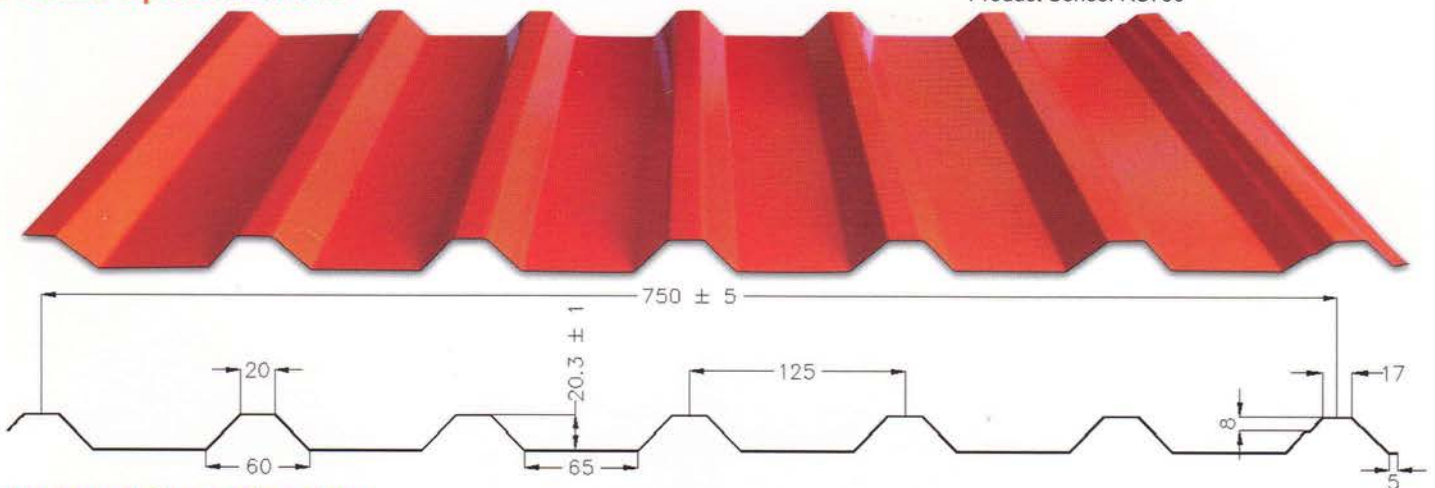
www.rofo.com.my

Introduction

ROFO Span 750 is a lightweight 7 ribs Cold Roll Form profile. It is to provide a greater spanning capacity. The rib of Rofo Span 750 profile are designed in trapezium and no bounce line in between the valley of the profile. The design is applicable on the ceiling as it can produce good lighting effect. The span is also recommended for cladding and fencing. The building shall have a longer span and a wider spacing width-reduce the usage of fasteners.

Profile Specification

Product Series: RS750



Material Specification

The material used for ROFO-Span 750 have gone through numerous international testing such as Tensile Strength, Salt Spray Resistance, Humidity Resistance, Accelerated Weathering Resistance, Chemical Resistance, Hardness, Impact Deformation, Bend Adhesion and Cross Hatch Adhesion. All contribute to an excellent result in accordance to ASTM International Standard [For more details kindly please refer to our ROFO Product Material Specification booklet]

Base Metal Steel: In compliance with JISG 3312, AS 1397, MS1196 or ASTM A 792M.

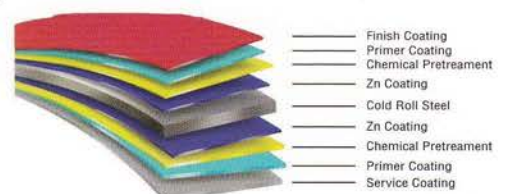
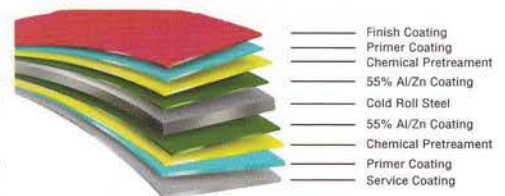
Minimum Tensile Strength: G550 or 550Mpa (High Tensile)

Base Steel Coating: Zinc Coated (Z15) or Genuine aluminium zinc coated 55% (AZ 150, AZ 100).

A customized formulated lead free premium quality polyester paint coated by infra-red coating technology. It is design to provide true color retention & film durability.

Add Value Also available in PVF series and Elites Series to achieve high SRI value for Energy Saving towards Green Building Concept in Malaysia and Energy saving worldwide.

- Anti Fading & Anti Staining Paint Formulation
- Unsurpassed Weathering Resistance Against Peeling, Flaking and Cracking.
- Resistant to Dirt Pick up and Staining.
- Energy-Efficient Solar- Reflective System meets the SR and SRI value.
- Environmental friendly- Mercury and Lead Free.



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Identification

All the Rofospan manufactured by us have imprinted product name for identification.



Color and Corrosion Protection Coating

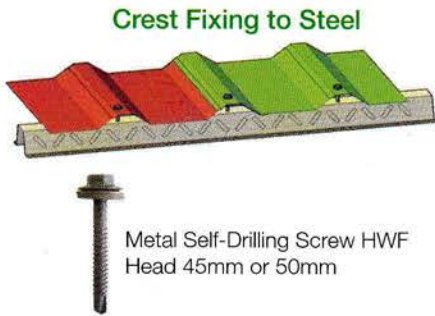
All material used in the production of ROFO 750 are multi layer coated with a substrate of hot dip zinc and aluminum Zinc coated steel coil. The steel (base metal) can be of a different grade and the coating thickness may vary as per our customer need. The base coating can provide an efficient corrosion protection in areas where the organic coating is damaged.

Roofing Pitch

ROFO line is suitable for any roof pitch more than **3 Degree**. For sheet length greater than **10 meters**, the pitch should increase by **1°** for every **5 meters** of additional length.

Fixing Detail

Fixing and Overlapping Details – Male and Female



Recommended Fasteners

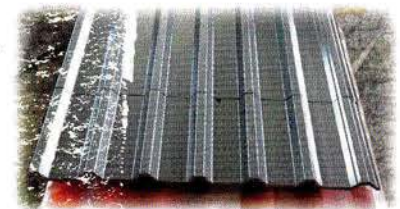
The entire fastener must meet the AS3566 Class 3 for roofing and Class 2 for cladding. Either is Heated Carbon Steel ASTM 548 Grade 1022 zinc plating or rustproof coated are acceptable.

Steel framing (up to 5mm thickness):

- Crest Fixed - No 12 x 45 Hex Head Self Drilling screw with Neo. Washer.
- Valley Fixed - No. 10 x 16 Hex Head Self Drilling screw 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.



Photos show that finished Rofo Span 750 is ready for packing.

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 weather proofing. Use No 8 x 12 Hex Head Type S Self Drilling Screw with Neo. Washer and seal blind rivet.

Methods of Fixing

Roofs – for piece method, fix through crests using 1 fastener through every rib at every support (4 fasteners per sheet).

Walls – for crest method, fixing as for roofs or Valley fixing can be used.

Valley fixing required 1 fastener beside every rib at every support (4 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/m ²)	Area (m ² /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)	
±0.48HT	4.37	±229	750	1100	1300	1750	1700	1850	2250	250
±0.44	3.88	±258	750	1000	1200	1550	1550	1650	2150	150
±0.40	3.60	±278	750	900	1100	1350	1450	1550	2000	125
±0.35	3.13	±320	750	800	950	1050	1400	1500	1950	100

HT = High Tensile Steel (550Mpa) This is recommended under non cyclonic Area with conditions as AS1170.

ROFO span 750 application as Ceiling

The rib of Rofo Span 750 profile are designed in trapezium and with no bounced line at the valley of the profile. The appearance look neat with the lighting effect. Picture 1 indicate ROFO span 750 when apply on the ceiling. It looks beautiful. In addition, it is neat, rigid and easy to install the ceiling accessories like fan.

Manufactured by:



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



Picture 1

