

Typical Application



Low Pitch Long Length Covering



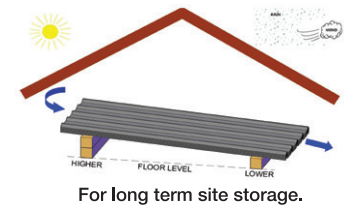
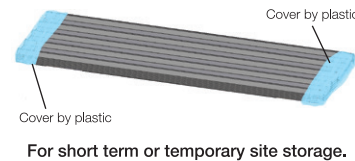
High Rib Spring Curve



Modern Cottage

Care & Storage

- 1) We will provide full plastic packing for long term site storage & usage
- 2) All Rofo Hidek are strictly advised to store from rainwater or under shed with pitched to avoid water stagnation in between panel pieces.
- 3) Water, dirt or cement material shall be wiped & cleaned immediately to avoid discoloration.
- 4) No any construction material or loads to be applied on top of strip ceiling pieces during storage.



We ♥ Our Earth.

Please keep this brochure properly as it is informative & reusable for future reference.

我们♥我们的地球

请保管好手册，因为内容资料丰富并且是可重复使用的资讯。

Kita ♥ Bumi Kita

Sila simpan risalah ini dengan baik sebab ia berinformasi dan boleh digunakan berulang kali pada masa depan.



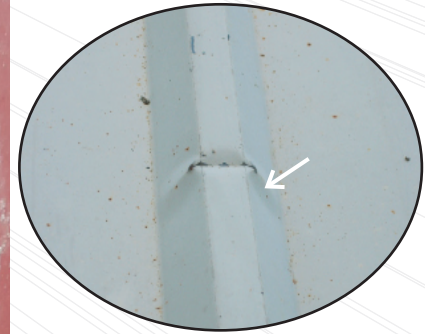
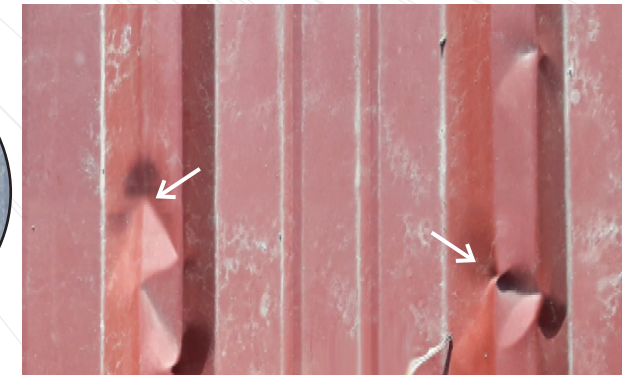
Since 2008
PHIM Registration No. 07020229

Hidek 39

PNC: RO314

Think Roof, Think Rofo.
欲しい 屋根 , 欲しい Rofo

Facing this?



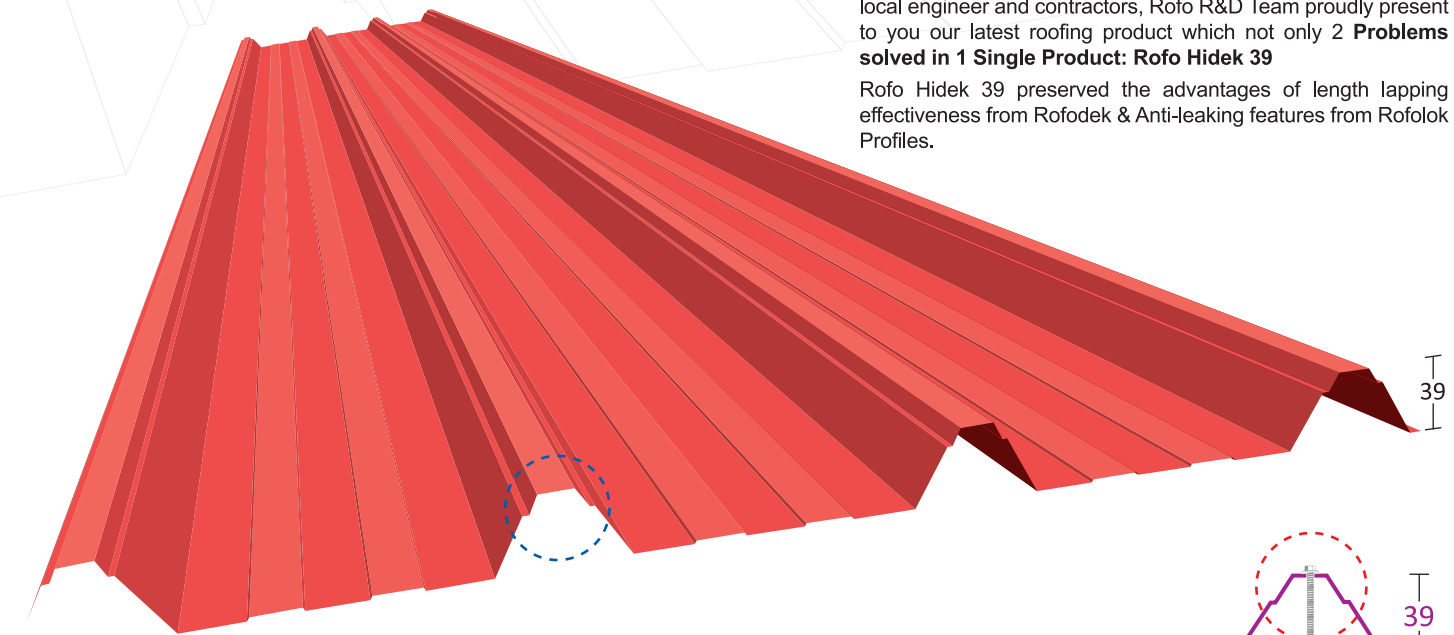
Solve by Hi...

Introduction

Normal Clip lok profile has been the only one alternative for low pitch roofing and yet its long lapping effort does not as friendly as ordinary long run profile. For Long length roofing but Less Quantity, it is rather a costly options due to transportation charges.

After 2 years of comprehensive research & collaboration with local engineer and contractors, Rofo R&D Team proudly present to you our latest roofing product which not only 2 **Problems solved in 1 Single Product: Rofo Hidek 39**

Rofo Hidek 39 preserved the advantages of length lapping effectiveness from Rofodek & Anti-leaking features from Rofolok Profiles.



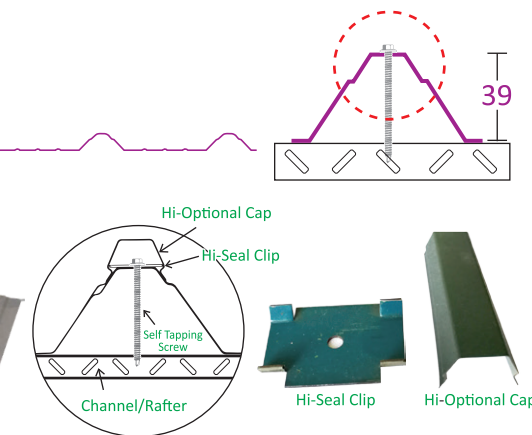
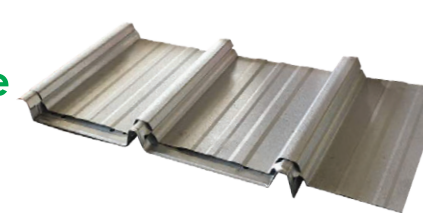
① High but Simple as Dek Profile

+

② Function as Lok Profile

+

③ Its Own Advantages



3 in 1 = Hidek 39



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Roofor You Marketing Sdn. Bhd. (1030310-X)

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Colo Steel System Sdn. Bhd. (673950-D)

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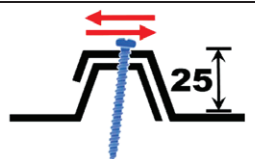
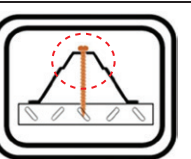
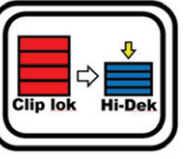
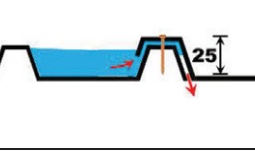
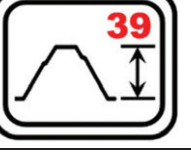
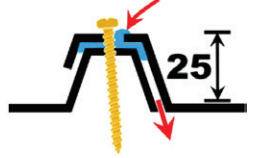
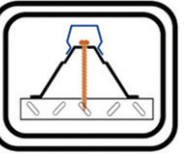
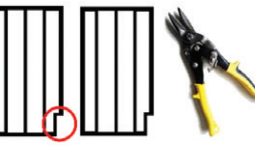
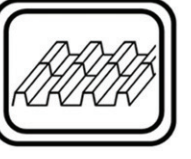
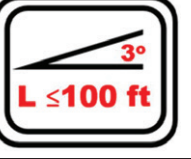
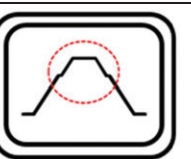
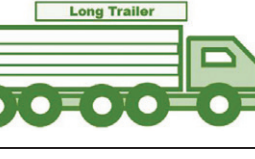
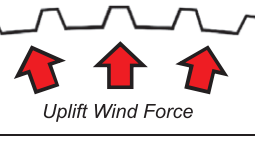
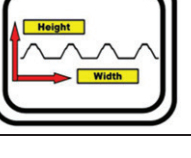


Hidek 39

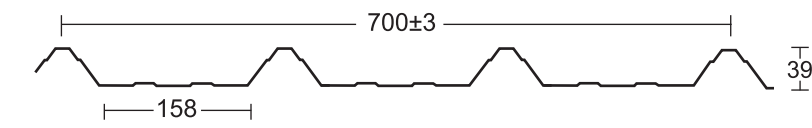


Hidek 39

Why Choose Rofo Hidek 39 ?

Existing Problem	Vs	Advantages
A. Simple As Dek Profile		
1 Low Screws Holding 		1 Rib Fitting Features  100% Firm with Self Tapping Screws.
2 Additional Trips 	Solve!⇒	2 Less Bulky Handling  Achieve minimal delivery trip & lesser scratches.
3 Low Pitch Performance 		3 Rib Height up to 39mm  Collect more water on low pitch.
B. Function as Lok Profile		
4 Uncovered Drill Point 		4 Special Rib Cap*  For 100% Conceal the Screws – prevent water leaking from fastening point
5 Additional Edge Cutting 	Solve!⇒	5 Normal Length Lapping Method  No Additional Sheet Cutting required for lapping.
6 Bad Low Pitch Application 		6 Good Low Pitch Application  Minimum. 3° Up to 100 ft Length per Pc.
C. Own Advantages		
7 Conventional Rib Pattern 		7 Improved Rib Pattern  Stronger Load Resistance
8 Narrow Pan Area 	Solve!⇒	8 Wider Pan Area  Easier installation movement
9 Trailer Charges 		9 Roll On Site Service  Upon request for long length order – save material lapping costs.
10 Low Profile Strength 		10 Excellent Profile Strength  Detailed Design of Achieving optimum ratio of Rib & Pan dimensions.

Product Diagram



Imprinted Product Name for Recognition

Rofo Hidek

All Rofo Hidek 39 are imprinted with Product Name for recognition purposes. The purpose is to provide our value customer be able to make easy identification on the product for future reordering, either roofing extension or replacement of the same product.

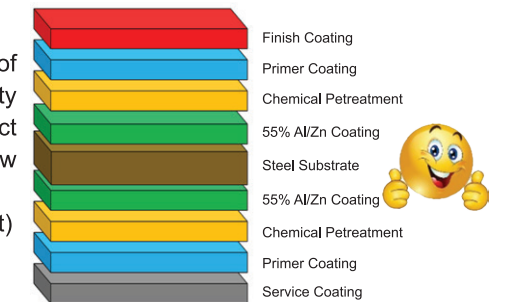


Hidek wider valley design well allow the foot step on it reduce accidentally step on rib.

Material Specification

The material used for producing Rofo Hidek 39 have gone through numbers of internationally recognized tests such as Tensile Strength, Salt Spray, Humidity Resistance, Accelerated Weathering, Chemical Resistance, Hardness, Impact Deformation, Bend Adhesion and Cross Hatch Adhesion. All the test results show excellent performance indication accordance to ASTM Standards.
(For more information, please refer to the Rofo Product Material Specification Booklet)

Base Metal Thickness : Complies with JIS G3312, AS 1397, MS 1196 or ASTM A792M
Minimum Tensile Strength : G550 or 550 MPa (High Tensile)
Base Steel Coating : Zinc Coated (Z15) or Genuine Aluminium Zinc 55% Coating (AZ100, AZ150)



Color Coating System

A custom formulated Lead-Free premium quality polyester paint coating by using Infra-Red Coating Technology. This technology provides Colour Lasting Retention & Dry Film Durability.



Special request for PVF Series & Dura-Cool Series to achieve High SRI (Solar Reflective Index) Value for energy saving towards Green Building Concept.

- ✓ Anti Fading & Anti Staining Paint Formulation
- ✓ Unsurpassed Weathering Resistance Against Peeling, Flaking & Cracking.
- ✓ Resistance to Dirt Pick Up & Staining.
- ✓ Energy Efficiency Solar Reflective System meets the Solar Reflective (SR) & Solar Reflectance Index (SRI) values.
- ✓ 100% Environmental Friendly – Mercury & Lead Free.

Material Properties

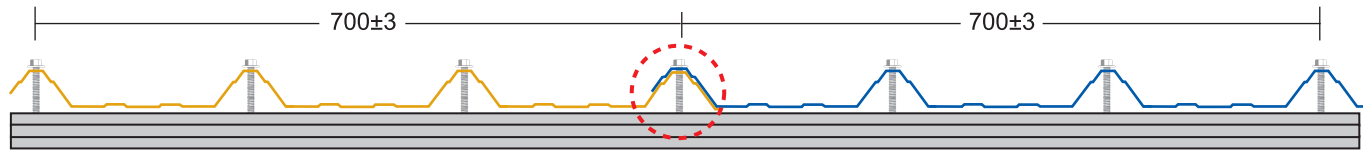
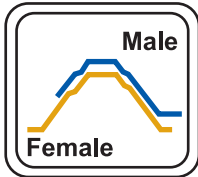
Material Coating	Galvalume (GL)	Cofolume (PPGL)	Galvalume (GL)	Cofolume (PPGL)	Galvalume (GL)	Cofolume (PPGL)
Section Properties						
Base Metal Thickness (BMT) (mm)	0.38		0.42		0.48	
Total Coating Thickness (TCT) (mm)	0.44		0.48		0.54	
Mass Per Unit Area (kg/m ²)	3.97	4.07	4.50	4.61	5.07	5.20
Mass Per Unit Length (kg/m)	2.78	2.85	3.15	3.23	3.55	3.64
Coverage Weight (m ² /t)	251.89	245.70	222.22	216.92	197.24	192.31

Typical Support Spacing Table

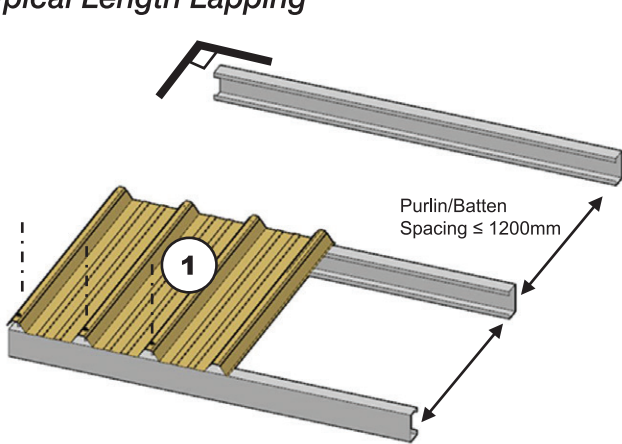
Total Coating Thickness	Recommend Maximum Support for Rofo Hidek						Maximum Cantilever
	Roofing			Wall			
	Single Span (mm)	Internal Span (mm)	End Span (mm)	Single Span (mm)	Internal Span (mm)	End Span (mm)	(mm)
±0.02 mm							
0.44	1200	1800	1350	1950	2500	2800	200
0.48	1500	2100	1650	2300	3100	2900	250
0.54	1900	2700	2200	2600	3800	3200	300

Typical Support Spacing Table

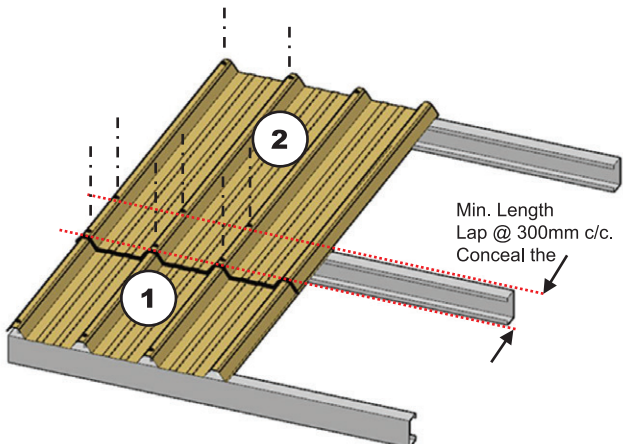
Typical Side Lapping



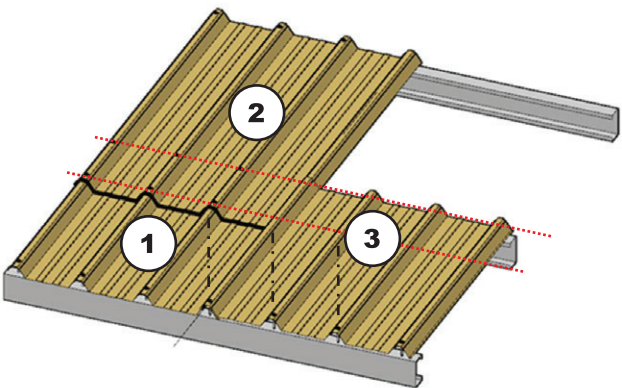
Typical Length Lapping



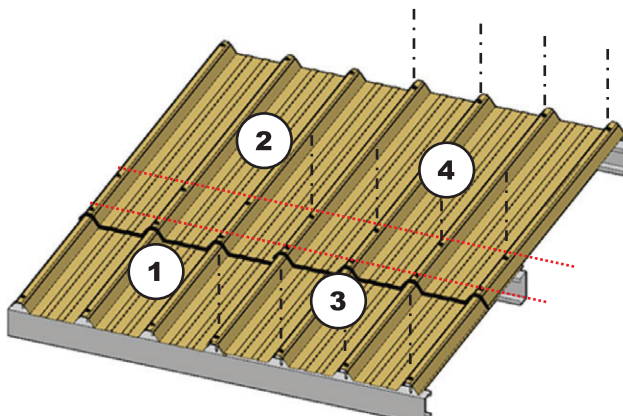
1) Align the 1st pcs in position from the left & ensure squareness 90° from Edge.



2) Place the 2nd Pcs On Top & lapping minimum 300mm. Screws into Position.

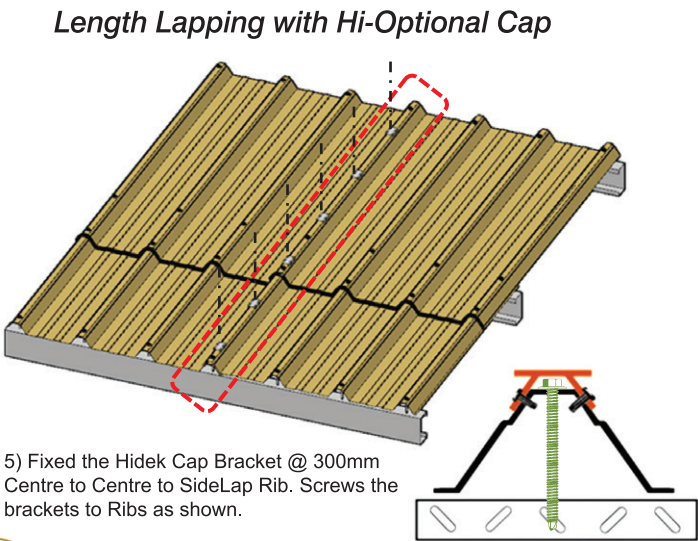


3) Align the 3rd Pcs & ensure Male rib of 3rd pcs on top of Female Rib of 1st Pcs & 2nd Pcs. Screws into position.

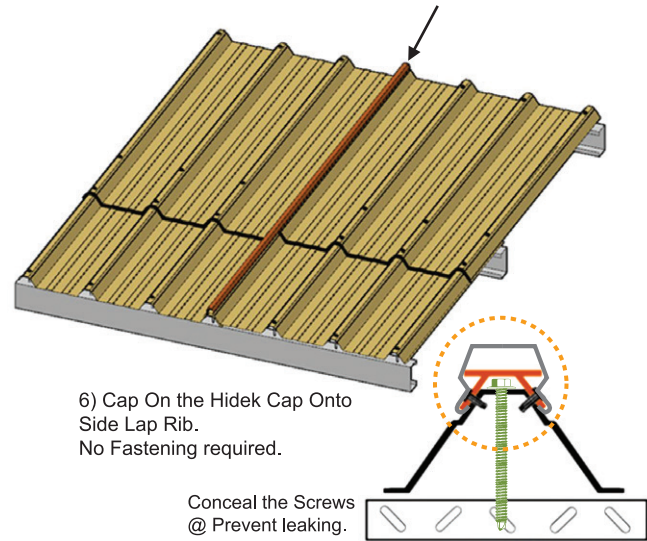


4) Align the 4th Pcs & ensure Male rib of 4th pcs on top of Female Rib of 2nd Pcs & 3rd Pcs. Screws into position.

Length Lapping with Hi-Optional Cap



5) Fixed the Hidek Cap Bracket @ 300mm Centre to Centre to SideLap Rib. Screws the brackets to Ribs as shown.



6) Cap On the Hidek Cap Onto Side Lap Rib. No Fastening required.

Conceal the Screws @ Prevent leaking.

Application

Hidek 39 is suitable for low pitch and long length roofing application

① Factory



② Low Pitch Commercial Building



Suitable for low pitch commercial Building

③ Shophouses



Hidek 39 is suitable for Long Length and low pitch Shophouse

⑤ Low Pitch Detached House



Hidek 39 profile is suitable for Low Pitch design house

④ Terrace House



Hidek 39 profile is suitable for Low Pitch Terrace house