

Our Quality • Your Assurance

HOARDING SERIES



SWAN SWEE
CONSTRUCTION PTE LTD

ABOUT SWAN SWEE



SWAN SWEE CONSTRUCTION PTE LTD WAS ESTABLISHED IN 1992

Since its establishment in 1992, Swan Swee Construction Pte Ltd has been a trusted name in the manufacture and supply of premium color-coated steel building products. Our comprehensive product portfolio includes painted steel roofing, wall cladding, galvanized high-tensile structural floor decking, galvanized high-tensile purlins, and a wide array of additional steel solutions such as crimp curved profiles, flashings, louvre panels, ventilators, and translucent sheeting.

These high-performance products are engineered to meet the diverse needs of commercial, industrial, residential, and urban developments, ensuring reliability and durability across applications.

At Swan Swee, we take pride in delivering a seamless supply chain experience. With extensive stock levels and a well-established distribution network, we align our operations with our customers' construction schedules, ensuring materials are delivered on-site precisely when needed.

Our commitment to quality is underscored by a rigorous inspection and testing framework. We ensure every product complies with stringent regulatory requirements, technical standards, and codes of practice while exceeding customer expectations.

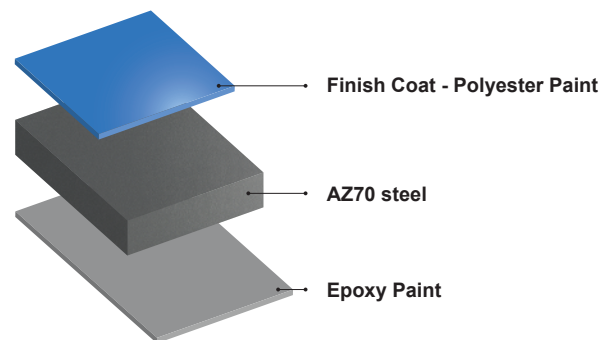


PAINT SYSTEM

Polyester Coating, is ideal for normal usage, offering reliable protection and a clean, attractive finish. It provides good durability, color retention, and cost-effective performance, making it suitable for everyday roofing and cladding applications.

Top Coat: Polyester Coating – a standard economical coating used for general-purpose steel products where moderate performance and good appearance are required.

Base Steel Coating: AZ70 – a durable alloy layer that enhances corrosion resistance and ensures long-lasting protection for steel products.



(COLOR CHART)



Royal Off-White
TDR: 63.20%
TE: 0.86 SRI: 79.70



Royal Beige
TDR: 44.30%
TE: 0.84 SRI: 52.50



Royal Red
TDR: 14.60%
TE: 0.87 SRI: 33.80



Royal Dark Grey
TDR: 17.40%
TE: 0.87 SRI: 11.50



Royal Green
TDR: 10.00%
TE: 0.86 SRI: 18.10



Royal Blue
TDR: 12.90%
TE: 0.85 SRI: 20.90



Royal Light Grey
TDR: 45.60%
TE: 0.84 SRI: 49.40

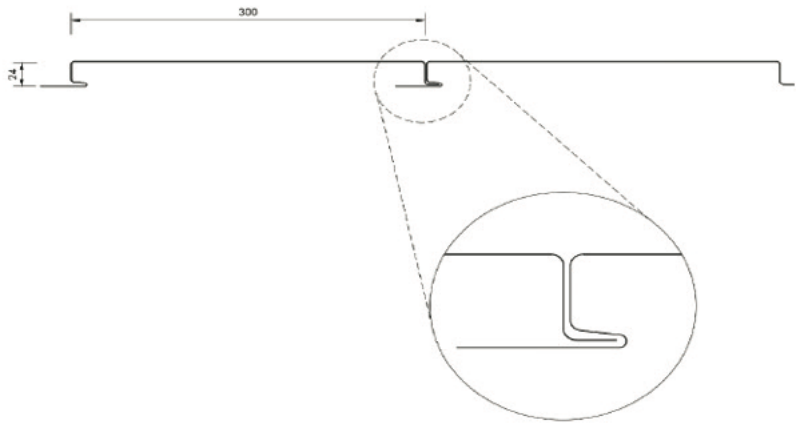


Royal Brown
TDR: 11.30%
TE: 0.85 SRI: 17.00

Ordering Guidelines

To ensure accurate color representation, we recommend requesting physical samples for verification.

KIHIN 300



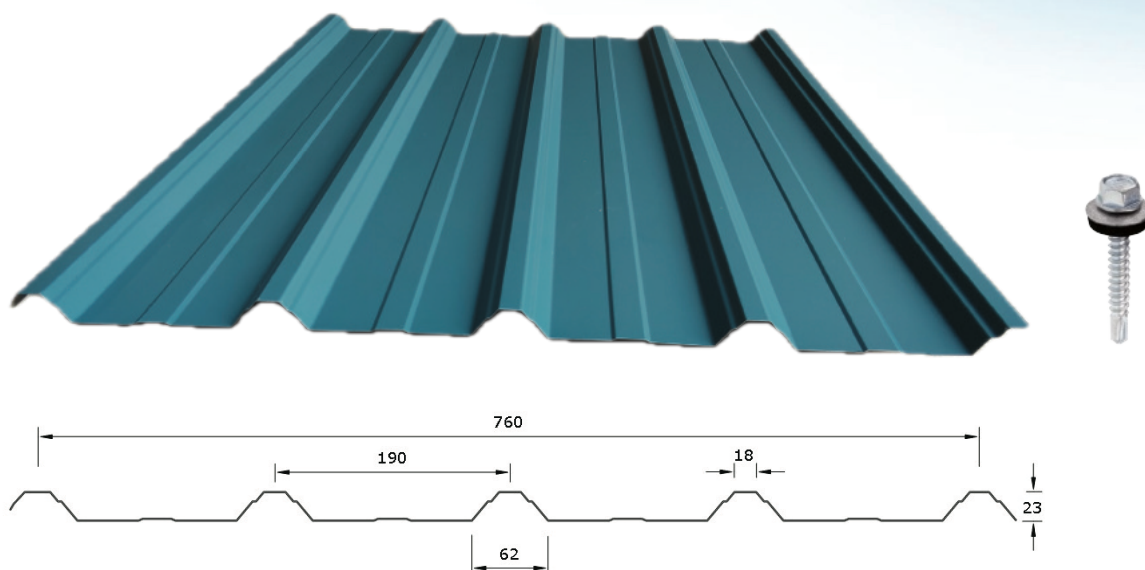
PAINT TYPE	COVER WIDTH	THICKNESS RANGE
Polyester coating	300 mm	0.50 - 0.60 mm

COLOR AVAILABILITY BY THICKNESS

	0.50 mm	0.60 mm
Weight (kg/m ²)	4.80	5.85
Royal off white	✓	✓
Royal green	✓	✓
Royal dark grey	✓	

A lightweight, durable, and versatile flat panel system, designed for modern building applications, including cladding and hoarding, offering easy installations and an aesthetic finish.





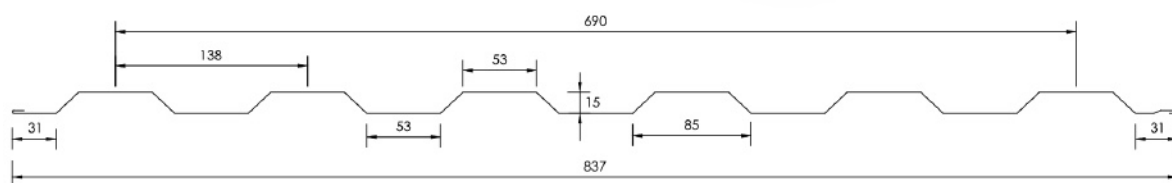
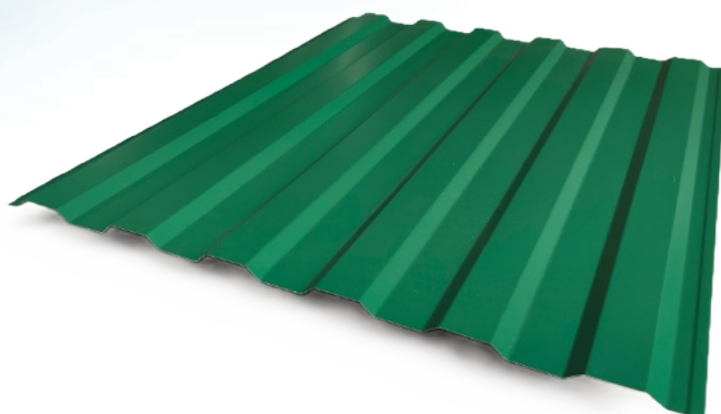
PAINT TYPE	COVER WIDTH	THICKNESS RANGE
Polyester coating	760 mm	0.37 - 0.54 mm

COLOR AVAILABILITY BY THICKNESS

	0.37 mm	0.39 mm	0.42 mm	0.47 mm	0.54 mm
Weight (kg/m ²)	3.09	3.47	3.67	4.04	4.72
Royal off white	✓			✓	
Royal red				✓	
Royal green	✓		✓	✓	
Royal blue	✓		✓	✓	
Royal biege	✓			✓	
Royal light grey				✓	
Royal dark grey	✓			✓	
Royal brown					✓
Royal silver		✓			

- Light yet durable material
- Economically designed to provide easy handling of materials

SUNDEK 830

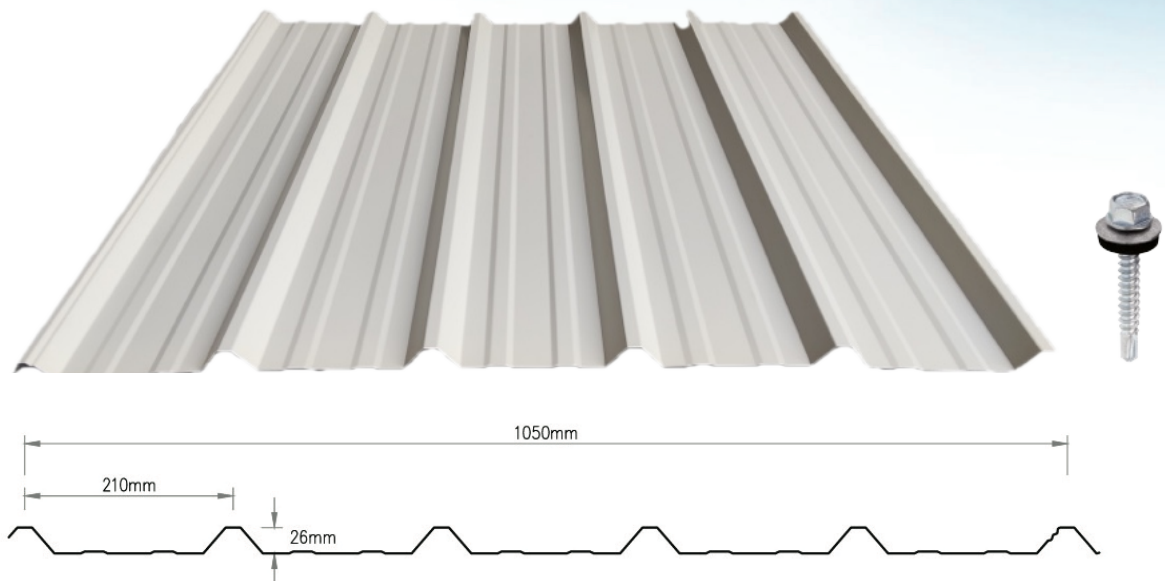


PAINT TYPE	COVER WIDTH	THICKNESS RANGE
Polyester coating	830 mm	0.37 - 0.54 mm

COLOR AVAILABILITY BY THICKNESS

	0.37 mm	0.39 mm	0.42 mm	0.47 mm	0.54 mm
Weight (kg/m ²)	2.83	3.18	3.36	3.70	4.32
Royal off white	✓			✓	
Royal red				✓	
Royal green	✓		✓	✓	
Royal blue	✓		✓	✓	
Royal biege	✓			✓	
Royal light grey				✓	
Royal dark grey	✓			✓	
Royal brown					✓
Royal silver		✓			

- Clean consistent profile with an unique interlocking system.



PAINT TYPE	COVER WIDTH	THICKNESS RANGE
Polyester coating	1050 mm	0.37 - 0.47 mm

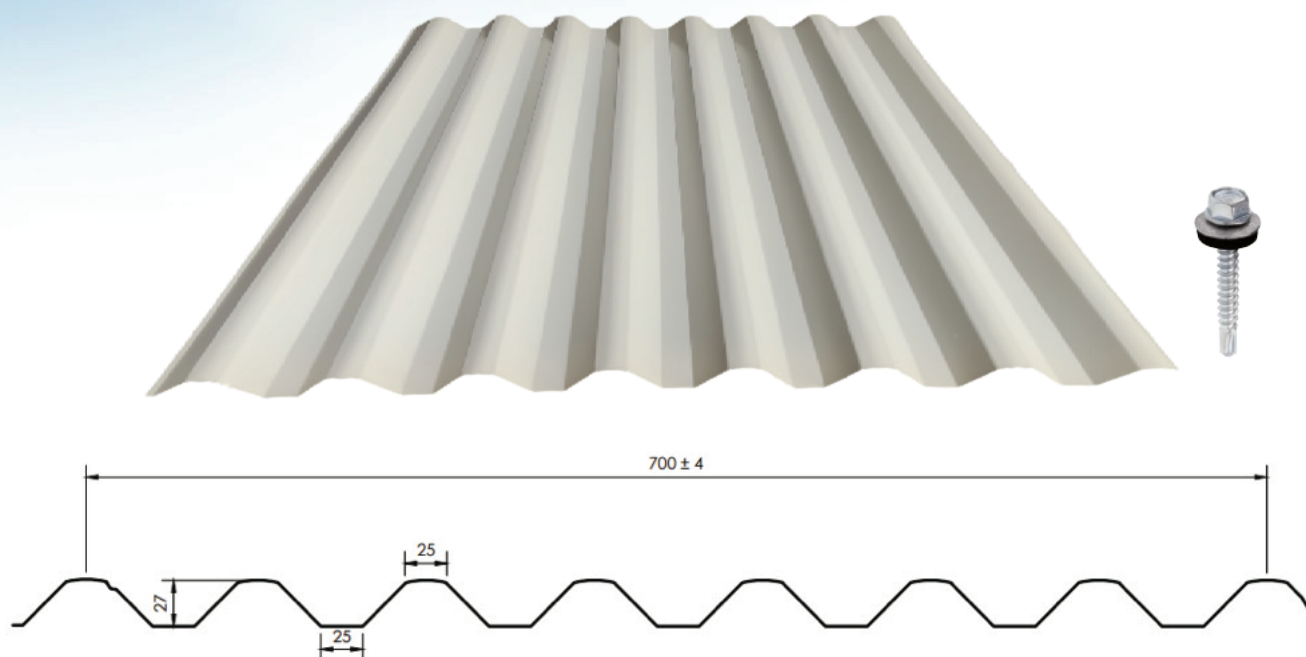
COLOR AVAILABILITY BY THICKNESS

	0.37 mm	0.47 mm
Weight (kg/m ²)	2.95	3.89
Royal off white	✓	
Royal green	✓	
Royal blue		✓

- Faster installation (Wider than typical sheet in the market)
- Reduce cost (Lesser pieces required)
- Less prone to leakage (Due to lesser overlapping)



SWANDEK 700

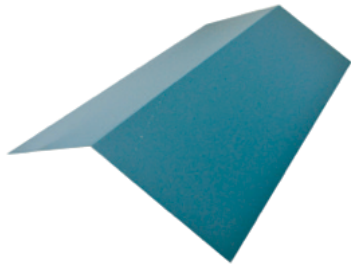


PAINT TYPE	COVER WIDTH	THICKNESS RANGE
Polyester coating	700 mm	0.37 - 0.54 mm

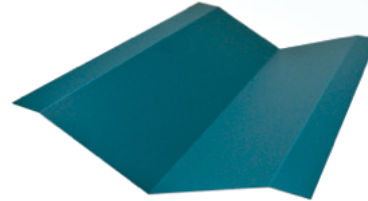
COLOR AVAILABILITY BY THICKNESS

	0.37 mm	0.39 mm	0.42 mm	0.47 mm	0.54 mm
Weight (kg/m²)	3.36	3.77	3.98	4.39	5.12
Royal off white	✓			✓	
Royal red				✓	
Royal green	✓		✓	✓	
Royal blue	✓		✓	✓	
Royal biege	✓			✓	
Royal light grey				✓	
Royal dark grey	✓			✓	
Royal brown					✓
Royal silver		✓			

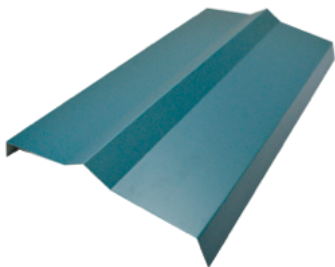
- Elegant, symmetrical trapezoidal design for modern awning / wall cladding.



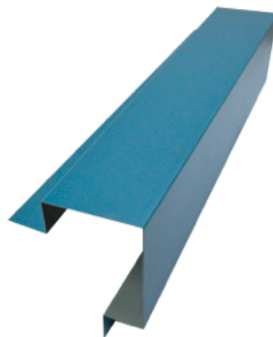
HIP FLASHING



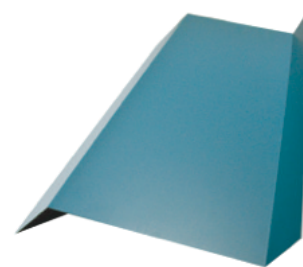
VALLEY GUTTER



RIDGE -CAP B



CORNER - CAP

LONGITUDINAL
FLASHING

The sheet material of Flashing is accordance to hoarding sheet material (55% Aluminium, 1.5% Silicon and Balanced Zinc).

Length of Flashing can be formed to a maximum of 3000mm and cover width up to 914mm.

Full range of Flashings is available. For other type of Flashing, please contact any of our Sales Engineers.

Ordering of Flashings

Dimensions

Measure dimensions precisely, including angles and bends for proper fitting.

Colour Side

Indicate which side of the sheet should display the colour, ensuring it aligns with the building's aesthetics.

Lengths and Quantity

Specify the number of flashings required and their respective lengths.

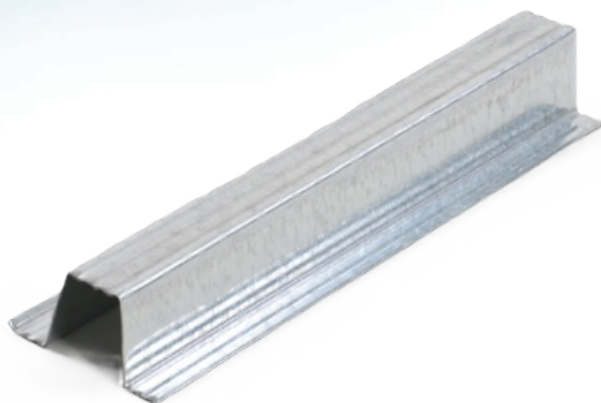
Length and Transportation Guidelines

Custom Lengths: Hoarding profiles are supplied to pre-cut to the required dimensions.

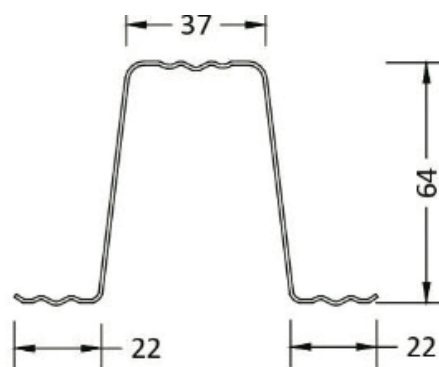
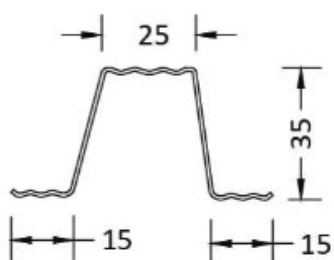
Standard Length Limitation: For standard deliveries, the material length should not exceed **12 meters**.

Special Transportation for Extended Lengths: Lengths greater than 12 meters necessitate specialized transportation and appropriate on-site handling facilities. **Additional transport charges may be imposed.**

Regulatory Compliance: Always confirm to the **transportation limits set by LTA** (Land Transport Authority) to ensure adherence to regulations for long products. Proper planning ensures safe, efficient delivery and handling of the materials.



Sections (A x B x C)	Thickness	Grade of Steel	Mass per Metre	Area of Sections
	mm	MPa	kg/m	cm ²
35mm x 25mm x 15mm	0.75	G550	0.73	0.94
	1.00	G550	0.98	1.24
	1.20	G500	1.17	1.49
64mm x 37mm x 22mm	0.75	G550	1.23	1.56
	1.00	G550	1.63	2.08
	1.20	G500	1.95	2.49



- Economic substitute for wooden support (Hoarding Purpose)
- Ideal support for Non-Load Bearing Structure (E.g. Walkway)
- Save time & cost - Galvanized eliminate the need of primer paint coat

SPECIFICATION – TOPHAT

Sections (A x B x C)	Thickness	Second Moment of area		Radius of Gyration		Elastic Modulus	
		I _x	I _y	r _x	r _y	Z _u	Z _y
	mm	cm ⁴	cm ⁴	cm	cm	cm ³	cm ³
35mm x 25mm x 15mm	0.75	1.71	2.75	1.35	1.71	0.756	0.764
	1.00	2.25	3.63	1.35	1.71	1.000	1.010
	1.20	2.66	4.31	1.34	1.70	1.191	1.203
64mm x 37mm x 22mm	0.75	9.24	9.75	2.43	2.50	2.019	2.777
	1.00	12.20	12.90	2.42	2.49	2.673	3.661
	1.20	14.53	15.38	2.42	2.49	3.191	4.353

Sections (A x B x C)	Thickness	Plastic Modulus		Constant	
		S _x	S _y	J	C _w
	mm	cm ³	cm ³	cm ⁴	cm ⁴
35mm x 25mm x 15mm	0.75	1.15	1.46	0.0018	1.85
	1.00	1.52	1.93	0.0042	2.47
	1.20	1.81	2.30	0.0072	2.92
64mm x 37mm x 22mm	0.75	3.43	3.60	0.0030	22.04
	1.00	4.54	4.77	0.0070	28.83
	1.20	5.42	5.70	0.0122	35.07

IMPORTANT NOTE: The information published in this brochure is as far as possible accurate at the date of publication, however, prior to application in a particular situation, **Swan Swee Construction Pte Ltd.** recommends that you obtain qualified expert advice confirming the suitability of product(s) in question for the application proposed.

While **Swan Swee Construction Pte Ltd.**, accepts its legal obligations, be aware however that to the extent permitted by law, **Swan Swee Construction Pte Ltd.**, disclaims all liability (including liability for negligence) for all losses and damages resulting from the use of the information provided in this brochure.

Contact us



**Locally Produced & Custom-cut
using modern machinery**

Talk to us about our competitive pricing and services.
We are standing by to receive your call.

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