



SENGDEK®

YOUR ROOFING SOLUTION



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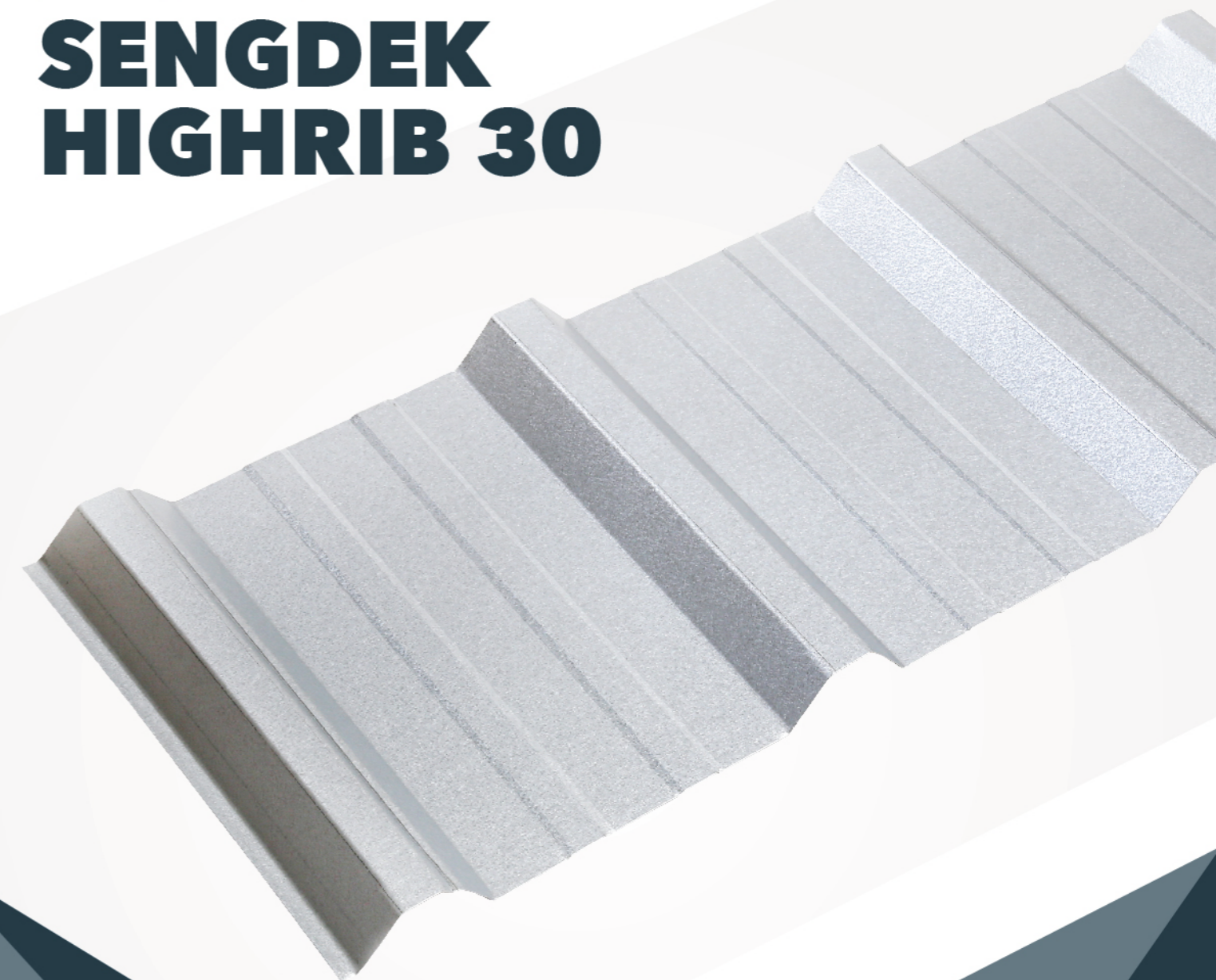
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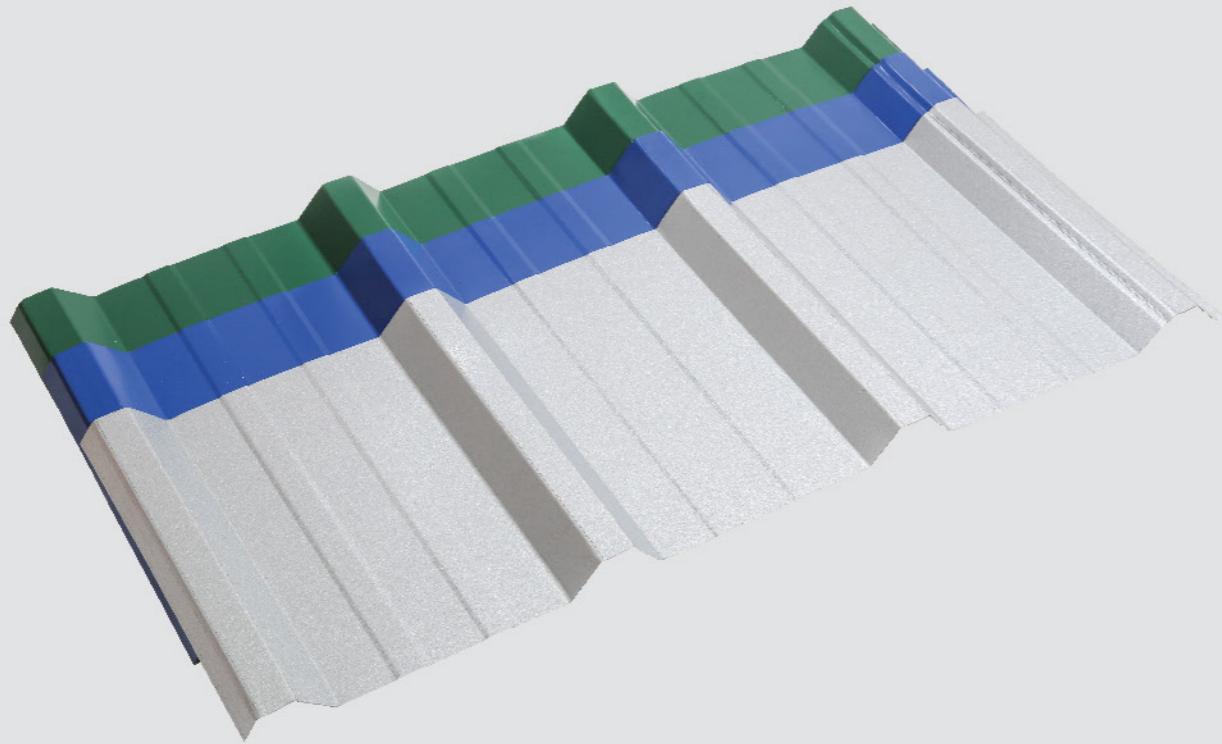
**SENGDEK
HIGHRIB 30**



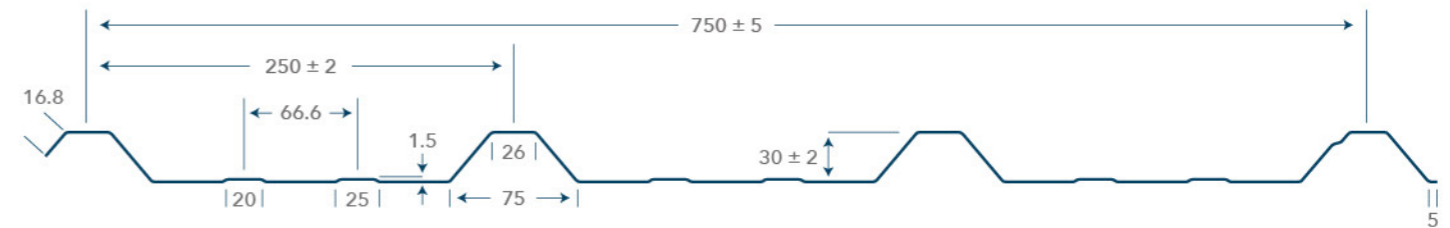
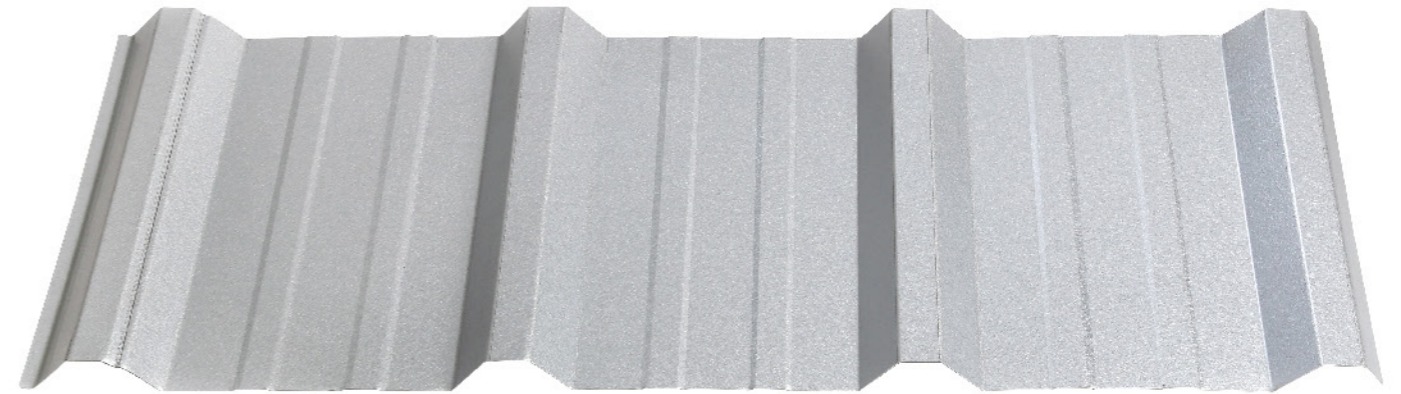
SENGDEK
SINCE
1997

SENGDEK HIGHRIB 30

SENGDEK HighRib 30 is a premium profile to cater the needs of industrial roofing innovation. It has three fluted pans and wider covering width to ensure good spanning capability and excellent water discharge capacity. Installed with manufacturer's instructions, SENGDEK HighRib 30 virtually guarantees a watertight roof cover for any building project such as factories, warehouses, or shopping malls. SENGDEK HighRib 30 can be customized into any length with option for site-forming.



PROFILE: SENGDEK HIGHRIB 30



Features and Advantages

- Custom made length with option for site-forming.
- Made from the high tensile steel substrate protected with corrosion inhibitive treatment.
- Long spanning capacity.
- Good rain water flow capacity.
- Available in various thickness and colors.
- Widely used for commercial and industrial projects.

THICKNESS AVAILABLE

BASE METAL THICKNESS (BMT) mm	TOTAL COATED THICKNESS (TCT) mm	*WEIGHT PER METER (kg/m)	*WEIGHT PER SQ METER (kg/m ²)	*COVERAGE PER TON (m ² /MT)	STEEL GRADE	MIN. YIELD STRENGTH (MPa)
0.35	0.40	2.73	3.65	274	ASTM A446-E	550
0.42	0.47	3.24	4.32	232	ASTM A446-E	550
0.48	0.53	3.67	4.89	205	ASTM A446-E	550

0.60mm BMT is available on request. Please refer to our sales department.

*Weight shown above is depending on material used.

DATA SHEET

MINIMUM FALL

The amount of water that must be shed increases with the length of the roof. To avoid possible back-up of water in severe wind conditions, the following recommended roof length should be considered as maximum for a given roof pitch and rain fall rate.

RECOMMENDED MAXIMUM ROOF LENGTH (M)						
SLOPE IN DEGREE	2°	5°	7°	10°	12°	
RAINFALL (mm/h)						
250	62	80	94	113	124	
300	51	66	79	94	103	
350	44	57	67	81	88	
400	38	50	59	70	77	

*Based on Maximum water level at 16mm.

MAXIMUM ALLOWABLE SUPPORT SPACING (MM)						
BASE METAL THICKNESS (mm) (BMT)	ROOF			WALL		
	END SPAN (mm)	INTERNAL SPAN (mm)	CANTILEVER (mm)	END SPAN (mm)	INTERNAL SPAN (mm)	CANTILEVER (mm)
0.35	1200	1300	150	1300	2400	200
0.42	1500	1600	150	1650	2700	200
0.48	1900	2000	150	2300	2900	200

*Based on 75kg/m² design live load.

*Based on 40m² design wind load.

*All thickness shown above is nominal & provisional.

**The information contained herein factual and numerical value are accurate at time of publication and subject to actual site condition.

SAMPLE OF SPECIFICATION

0.42 BMT (THICKNESS) SENGDEK HighRib 30 high tensile metal roofing sheets in pre-painted hot-dipped zinc-coated steel or hot-dipped zinc-aluminium alloy steel to be fixed with/without insulation, and come complete with necessary fittings and accessories. Details in accordance with manufacturer's instructions.

FASTENING

CREST FASTENING FOR ROOFING & WALL CLADDING



3 FASTENER - END SUPPORT & END LAP



2 FASTENER - INTERNAL

VALLEY FASTENING FOR WALL CLADDING ONLY



3 + 1 FASTENER - END SUPPORT & END LAP

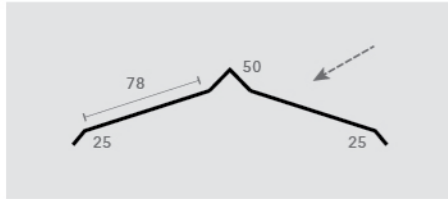


2 FASTENER - INTERNAL

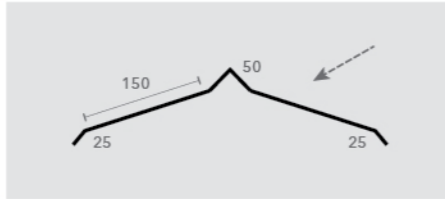
STANDARD ACCESSORIES

STANDARD FLASHING / CAPPING

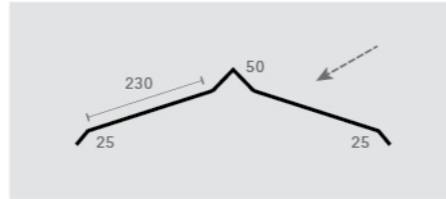
RIDGE CAPPING SC12



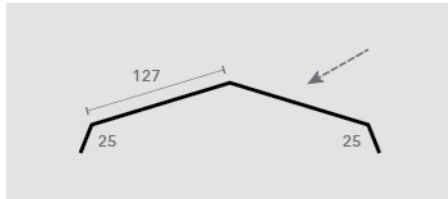
RIDGE CAPPING SC18



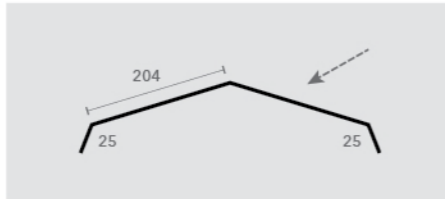
RIDGE CAPPING SC24



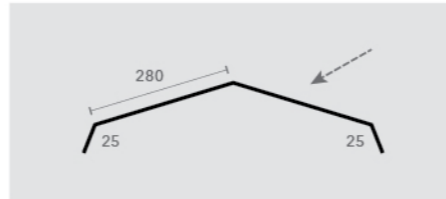
V CAPPING SC12



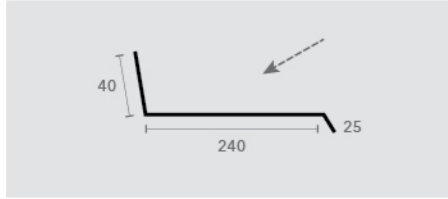
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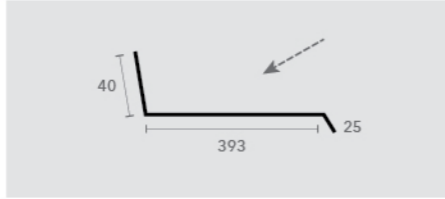
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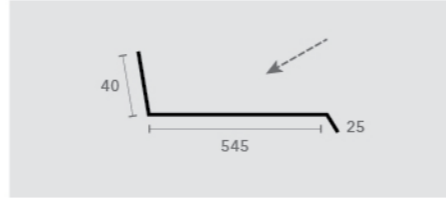
FLASHING A SC12



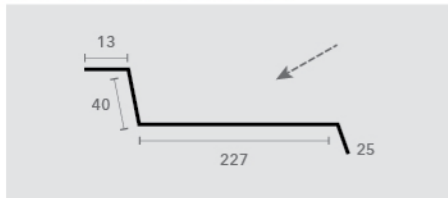
FLASHING A SC18



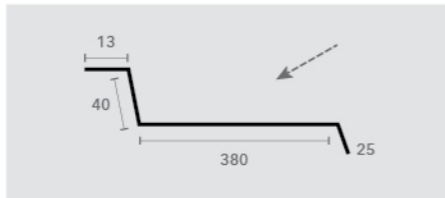
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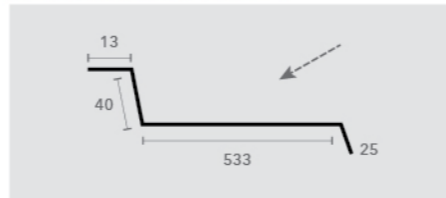
FLASHING B SC12



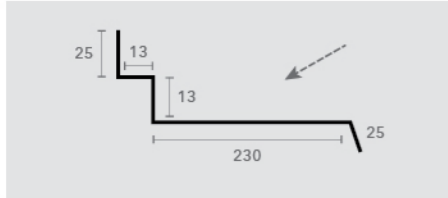
FLASHING B SC18



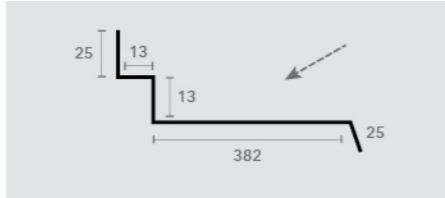
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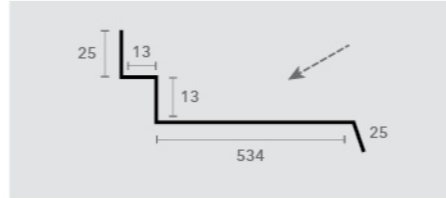
FLASHING C SC12



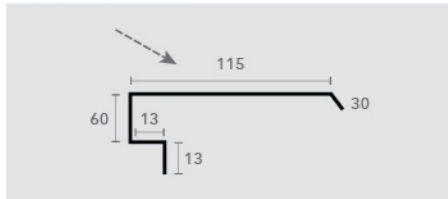
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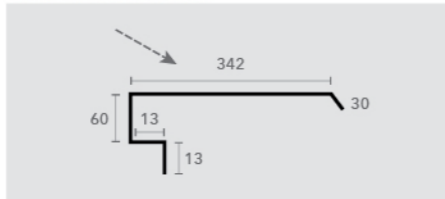
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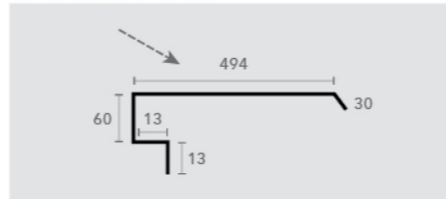
FASCIA SC9



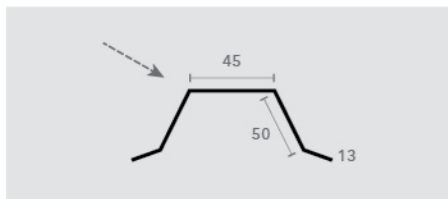
FASCIA SC18



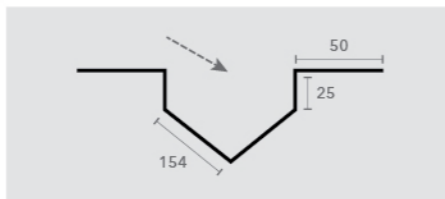
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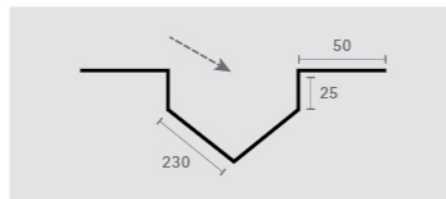
FASCIA 3' SC6



VALLEY SC18



VALLEY SC24



(ALL UNITS ARE MEASURED IN MM)

TRUST US WITH CSC



SENGDEK roofing are supplied by top quality local steel coil manufacturer, CSC. CSC was established and listed on the main market of Bursa Malaysia. It is the largest steel coil manufacturer in Malaysia. The main products of CSC steel include galvanised steel coils (gi) and pre-painted steel coil (ppgi).

Realzinc and Realcolor are shaped under CSC, providing the best quality of steel coil to create infinite possibilities.

The concept of "real" is originated from value of reality and practicality which closely aligned with CSC upright business philosophy, besides communicating the company's management ways by "making with real and achieving the real". It also highlights the company's ambitious in providing steel products that meets the quality standard.

RETAIL SEGMENT



PROJECT SEGMENT

