

ROOFING PROFILES

TOLERANCE ON PRODUCTS

Characteristic	Tolerance
Thickness of steel and aluzinc, at min 10mm from edge	+ / - 0.08 mm + / - 10 mm
Length of sheet	+ / - 1.50 mm
Depth of corrugation	+ / - 2.50 mm
Pitch of corrugation	+ / - 10 mm
Cover width	

- NOTES:**
- * Gauge numbers are stated on base metal thickness (bmt)
 - The material thickness is the total of the steel and the coating.
 - Special lengths can be negotiated in varying thicknesses of 0.40, 0.45, 0.50 and 0.60 mm.
 - Prepainted sheets are supplied with a Silicone Polyester finished coating .
 - X denotes that the profile is available in aluzinc finished or pre-painted finished sheeting.
 - A total of ten colours are available (see color chart).
 - The aluzinc coating has a designation of AZ150 which is 150 g/m² (triple spot test) of aluzinc both sides. The prepainted sheets also have an aluzinc substrate with a coating designation of AZ150. The steel has a minimum yield strength of 275 MPa
 - The coverage for standard corrugation is based on two corrugation overlaps. For all others except standing seam the overlap is only one corrugation.

ROOFING ACCESSORIES

Roofing accessories are made to order or can be supplied by Caribbean Steel Mills. The list of accessories that are available are as follows:

- Bargeboard flashing
- Wall flashing
- Valley guttering
- Drip edge
- Bargeboard guttering (this includes the flashing as well)
- Normal guttering
- Self tapping screws for wood and metal
- Timber clips (galvanised clips)
- Tying wire.



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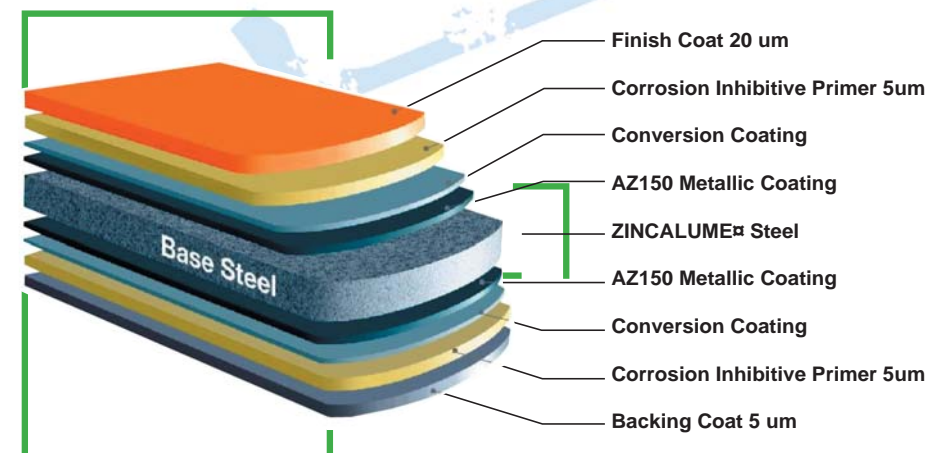
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A roof is a major feature in the design of any building and has become a fashion statement that reflects the owner's style and personality.

Metal roofs, because of greater choice in the type of profile, color, design and thickness, have become very popular.

At Caribbean Steel Mills, we produce the widest range of metal roofing in the Caribbean. Our roofing profiles are aluzinc-coated with or without a pre-painted finish. The paint systems adopted are Silicone Polyester Polyvinylidene systems. These systems were chosen based on performance, having been evaluated along with other systems according to resistance and durability properties and weathering properties.

Colorbond® Steel Looks Like this:

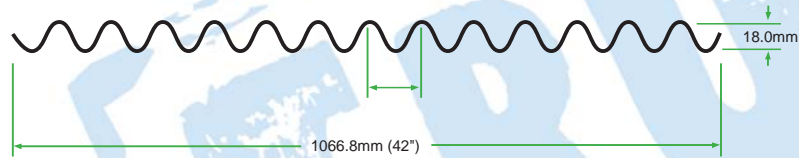
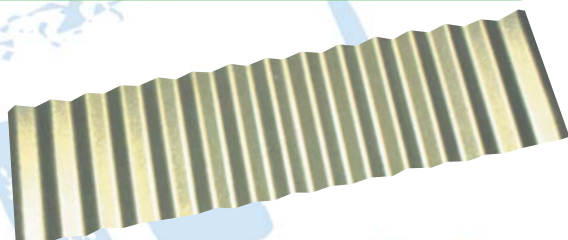


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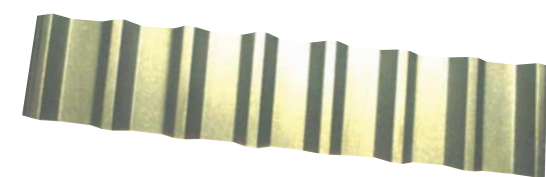
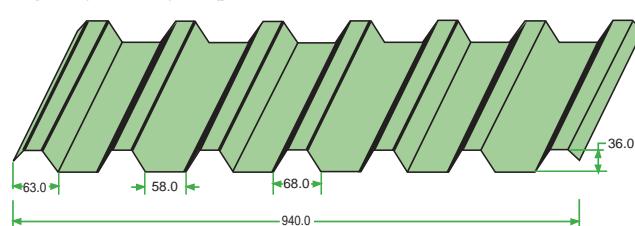
Profile	Material type		Nominal steel + aluzinc thickness		Sheet width	Nominal mass per unit length	Coverage after lapping
	Aluzinc coated	Pre-painted, aluzinc coated	mm	Gauge *			
Standard	x		0.40	28	1067	3.68	914
Corrugation	x		0.45	26	1067	4.16	914
	x	x	0.50	25	1067	4.64	914
	x	x	0.60	24	1067	5.61	914

Standard Corrugation : manufactured to British standards, the corrugations are 3" apart and have a height of 18 mm. The stock lengths are 8', 10', 12', 14', 16', 18', 20', and 24'. These are stacked in bales of 50 and 100 each. The coverage is based on two corrugation overlaps.



Profile	Material type		Nominal steel + aluzinc thickness		Sheet width	Nominal mass per unit length	Coverage after lapping
	Aluzinc coated	Pre-painted, aluzinc coated	mm	Gauge *			
Industrial 7	x	x	0.45	26	940	4.16	838
	x	x	0.50	25	940	4.64	838
	x	x	0.60	24	940	5.61	838

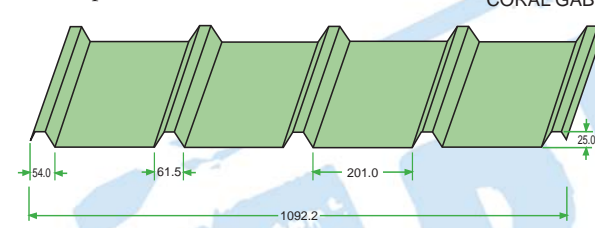
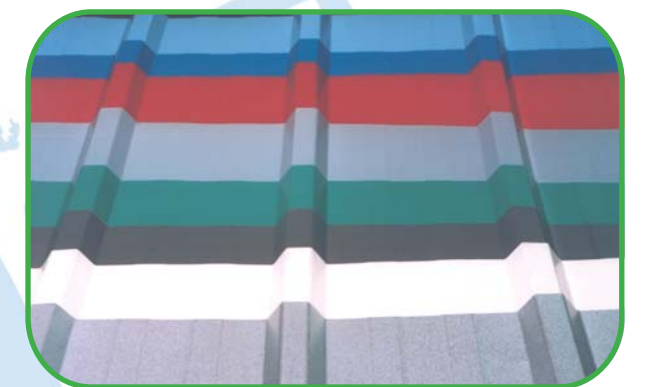
Industrial 7: as the name implies, this profile is very popular in industrial applications where structural rigidity is very important



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Profile	Material type		Nominal steel + aluzinc thickness		Sheet width	Nominal mass per unit length	Coverage after lapping
	Aluzinc coated	Pre-painted, aluzinc coated	mm	Gauge *			
Coral Gable	x	x	0.45	26	1092	4.16	991
	x	x	0.50	25	1092	4.64	991
	x	x	0.60	24	1092	5.61	991

Coral Gable : this profile is unique to Caribbean Steel Mills; it is the widest roofing sheet available in the market and has an anti-capillary groove to prevent seepage between lapped sheets, thus preventing leakage. The coverage is based on one overlap.



Profile	Material type		Nominal steel + aluzinc thickness		Sheet width	Nominal mass per unit length	Coverage after lapping
	Aluzinc coated	Pre-painted, aluzinc coated	mm	Gauge *			
Structural	x	x	0.40	28	406	1.82	406
Standing Seam	x	x	0.50	25	406	2.15	406
	x	x	0.60	24	406	2.60	406

Standing Seam : a popular choice in the market today, our profile boasts a pan upstand of 2.5". This higher upstand makes the sheet stronger and allows installation at gradients as low as 50 .

