

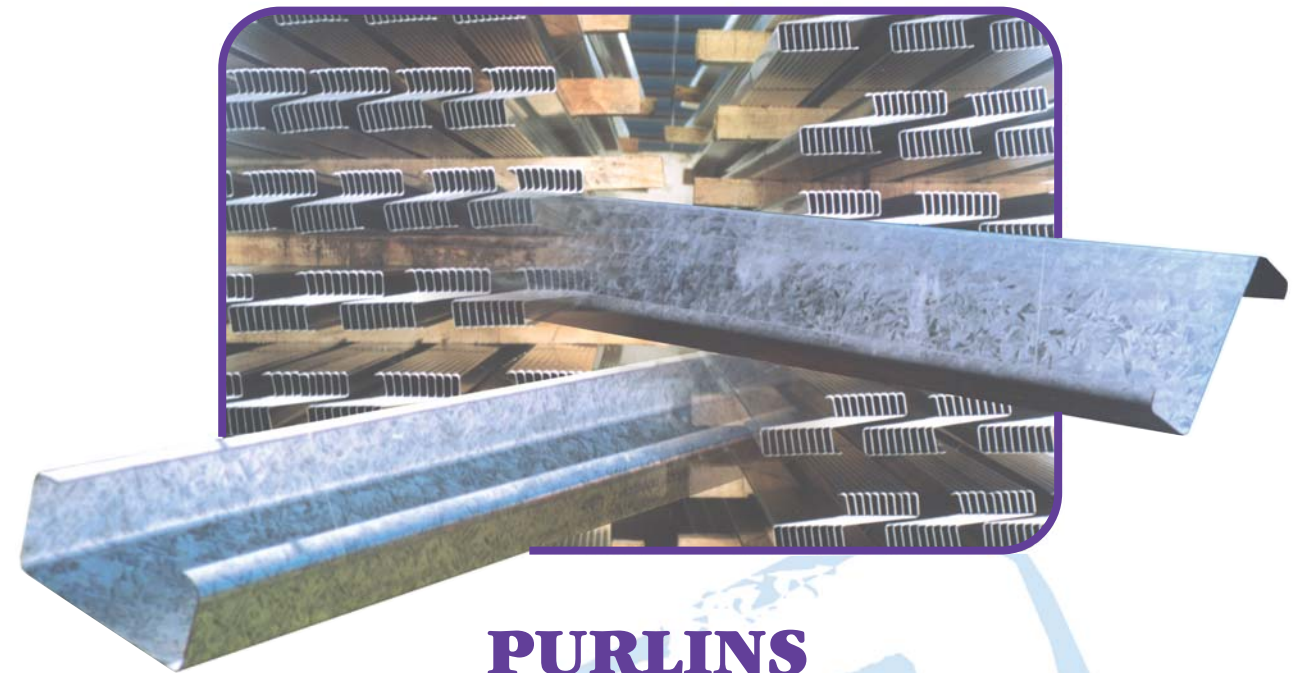
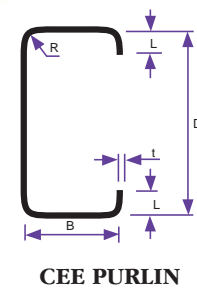
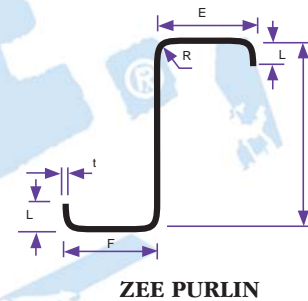
PURLINS

Product	Nominal steel + zinc thickness	Nominal width		Nominal mass per unit length	Largest span without support, using tie bars
	mm	mm	(inch)	kg/m	
Zed purlin	1.50	102	4	2.48	4
	1.50	152	6	3.12	6
	1.50	178	7	3.45	6
Cee purlin	1.50	203	8	3.74	6
	0.96	102	4	1.62	2.5
	1.50	102	4	2.48	4
	1.50	152	6	3.74	6
	1.50	178	7	4.04	6
	1.50	203	8	4.34	6

- NOTES:
1. The standard lengths of all profiles are 6 m.
 2. The thickness of the material is the total of the steel and the zinc coating.
 3. Special lengths can be provided.
 4. The largest span indicated is based on normal roofing materials being placed on top of the purlins.

	PURLIN SIZE	THICKNESS	Web D	Flange B	Flange E	Flange F	Lip L	Rad. R
ZEE	4"	102 x 49	0.96	-	-	-	-	5
	4"	102 x 49	1.5	102	-	49	53	14
	6"	152 x 49	1.5	152	-	49	53	16
	7"	178 x 49	1.5	178	-	49	53	16
	8"	203 x 49	1.5	203	-	49	53	16
CEE	4"	102 x 51	0.96	102	51	-	-	14
	4"	102 x 51	1.5	102	51	-	-	14
	6"	152 x 51	1.5	152	51	-	-	14
	8"	203 x 51	1.5	203	51	-	-	14

Tolerance on dimensions ± 1mm



PURLINS

Purlin is used mainly as a structural member to support roofing sheeting and is zinc coated, which affords a high level of corrosion protection and eliminates the need for painting.. While steel Purlins have traditionally been used in industrial buildings they have become more and more acceptable for residential applications, owing to their light weight and durability.

A special feature of Caribbean Steel Mills 'Z' Purlins is their ability to interlock and this eliminates the requirement for joining sleeves.

An emerging use of the 'C' purlin is its use as a structural member, in steel framed construction.



RAW MATERIAL

Specification: Hot-Dipped Zinc Coated (Galvanized) Cold Rolled Steel Sheets :-
ASTM A 924 M - 01 ; ASTM A 653 M - 01

Steel Chemical Composition

Carbon	Phosphorous	Sulphur	Copper
max. %	max. %	max. %	max. %
0.25	0.10	0.040	0.20

Steel Mechanical Properties		
Min. yield strength, M Pa	Min. tensile strength, M Pa	Min. elongation in 50 mm, %
275	380	16

Coating mass:	275 g/m2 Triple spot total of both sides
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