



# INSTEEL

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Insteel is a Mexican company that manufactures steel products for the construction industry at all levels. Our range of products is manufactured with Ternium raw material, which has a quality certificate that offers customers security and certainty of a guaranteed product.



One of the advantages that Insteel offers is the ability to manufacture according to the needs and specifications of your project, reducing execution times, costs, labor, and equipment.

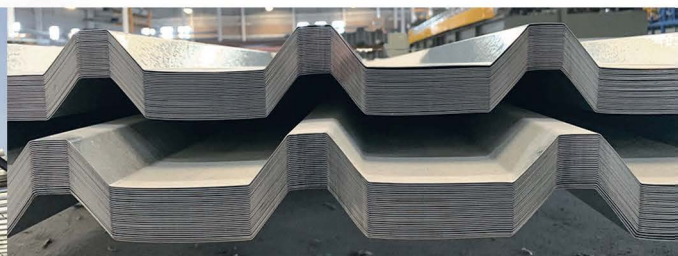
To comply with structural quality, we manufacture under the standards of the American National Standards Institute (ANSI) in the manufacturing and raw material of High-Strength Purlin Grade 50 ASTM A572/50 Type 1 and Steel Deck Institute (SDI) in Steel Deck to ensure the structural qualities that meet the standards and regulations in construction.



## Clients



Thanks to our capacity and experience, we work in conjunction with the leading construction companies in the region.







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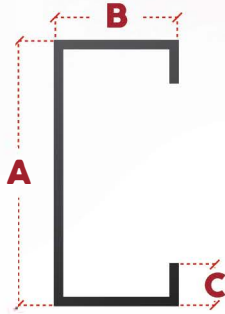
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# Cee Purlin

## Product Specifications

### General Information

<b>A</b>	<b>WEB</b>	4" to 12"
<b>B</b>	<b>FLANGE</b>	2" to 3½"
<b>C</b>	<b>LIP</b>	½" to 1"



### Special Sized Purlin

- Lengths (minimum 2.50 meters and maximum 15 meters)
- Smooth or Punched (Perforated)
- Black, Galvanized or Gray Primer
- Gauges 14, 12 and 10
- High-Strength Steel Grade 50, ASTM A 572/50 Type 1
- For more information, please consult the sales area.

### Commercial Sizes

WEB	FLANGE	LENGTH (METERS)
4"	2"	6.00
6"	2"	6.00
8"	2¾"	8.00
10"	2¾"	10.00
12"	3½"	12.00

### WEIGHT CHART

Web	Flange	Líp	WEIGHT KG/LINEAR METER		
			G.14	G.12	G.10
4	2	STD*	3.40	4.76	5.55
6	2	STD*	4.19	5.86	7.26
6	2½	STD*	4.57	6.39	7.92
8	2¾	STD*	5.70	7.96	9.86
8	3	STD*	5.89	8.23	10.20
10	2¾	STD*	6.49	9.06	11.20
10	3½	STD*	6.68	9.33	11.53
12	3½	STD*	7.87	10.99	13.62

Flange Standard

STD\* 19mm per Lip with its tolerance.

### Types of Punch (Perforated)

- 13 Pairs Max per Purlin.
- Oblong and Circular

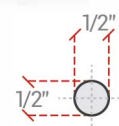
Types of available perforations



Details of oblong punch Horizontally



Details of oblong punch Vertically



Details of Circular punch

Standard Punch

\*Purlins with a quantity less than 5 pieces won't be punched.



• INSTEEL provides the following information as support for the application of its products, and therefore cannot be held responsible for any misuse that may occur. It is recommended that the customer seek the advice, at their own expense and risk, of a specialist who can verify the applicability of the product. Under no circumstances will INSTEEL be responsible for the installation and/or accessories used for the installation of the product(s) sold.

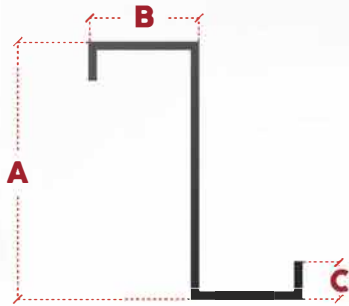


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# Zee Purlin

Product Specifications

General Information		
<b>A</b>	WEB	4" to 12"
<b>B</b>	FLANGE	2" to 3½"
<b>C</b>	LIP	½" to 1"



## Special Sized Purlin

- Lengths (minimum 2.50 meters and maximum 15 meters)
- Smooth or Punched (Perforated)
- Black, Galvanized or Gray Primer
- Gauges 14, 12 and 10
- High-Strength Steel Grade 50, ASTM A 572/50 Type 1
- For more information, please consult the sales area.

## Commercial Sizes

WEB	FLANGE	LENGTH (METERS)
4"	2"	6.00
6"	2"	6.00
8"	2¾"	8.00
10"	2¾"	10.00
12"	3½"	12.00

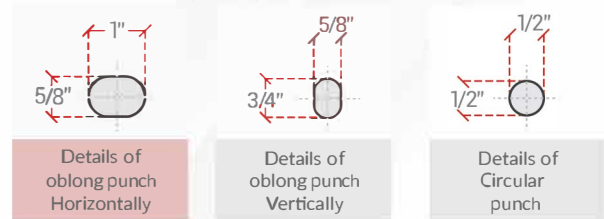
WEIGHT CHART					
Web	Flange	Líp	WEIGHT KG/LINEAR METER		
			G.14	G.12	G.10
4	2	STD*	3.40	4.76	5.55
6	2	STD*	4.19	5.86	7.26
6	2½	STD*	4.65	6.45	7.92
8	2¾	STD*	5.70	7.96	9.86
8	3	STD*	5.95	8.30	10.20
10	2¾	STD*	6.49	9.06	11.20
10	3½	STD*	6.68	9.33	11.53
12	3½	STD*	7.87	10.99	13.62

Standard Flange    STD\* 19mm per Lip with its tolerance.

## Types of Punches (Perforated)

- 13 Pairs Max per Purlin
- Oblong and Circular

Types of punches available



Standard Punch

\*Purlins with a quantity less than 5 pieces won't be punched.



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# Corrugated Sheet

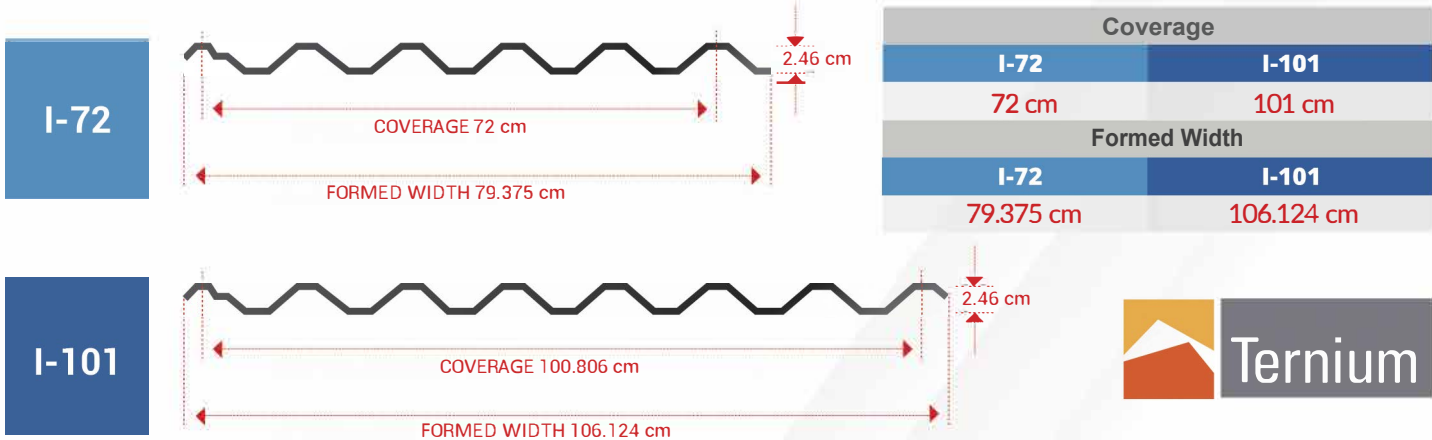
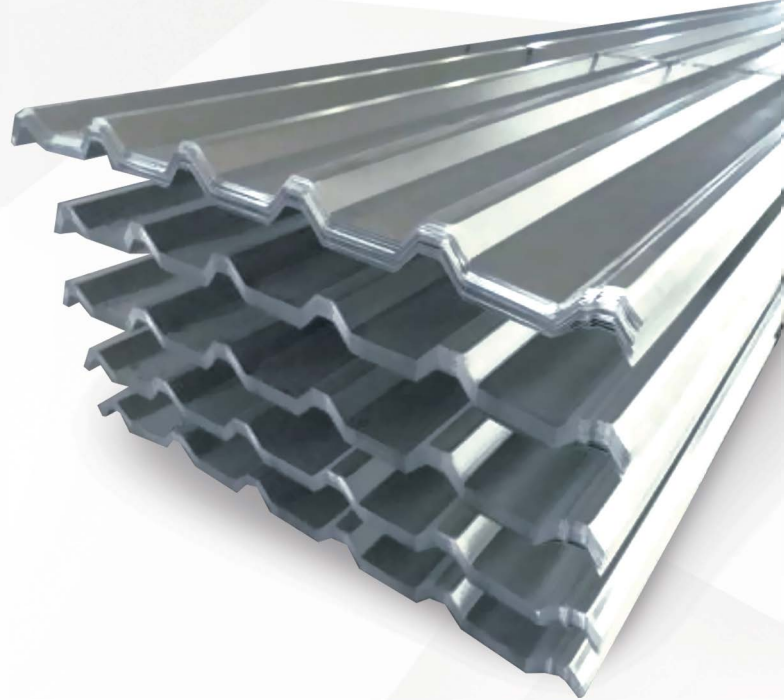
## Product Specifications

### Description

Trapezoidal profiled sheeting made in the plant through a stationary rolling machine from Ternium steel coils, designed to be used as a roof with exposed fasteners.

### Special Sized Sheet Metal

- Requested Width (72 cm or 101 cm)
- Gauges 28, 20, or 24
- Lengths: Minimum 1.83 m (6 ft.) Maximum 4.02m (15' 2½")
- Delivery Time: 1 to 2 Business Days
- Galvanized Sheet, ZintroAlum and Coated
- For more information, please consult the sales area.



### WEIGHT CHART

I-72			I-101		
Gauge	Approximate weight kgs.x linear meter I-72	Approximate weight kilograms x m <sup>2</sup> I-72	Gauge	Approximate weight kgs.x linear meter I-101	Approximate weight kilogram x m <sup>2</sup> I-101
28	2.97	4.13	28	3.96	3.92
26	3.52	4.89	26	4.69	4.64
24	4.06	5.65	24	5.42	4.37

• Theoretic weights +/- 7%

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# Steel Deck

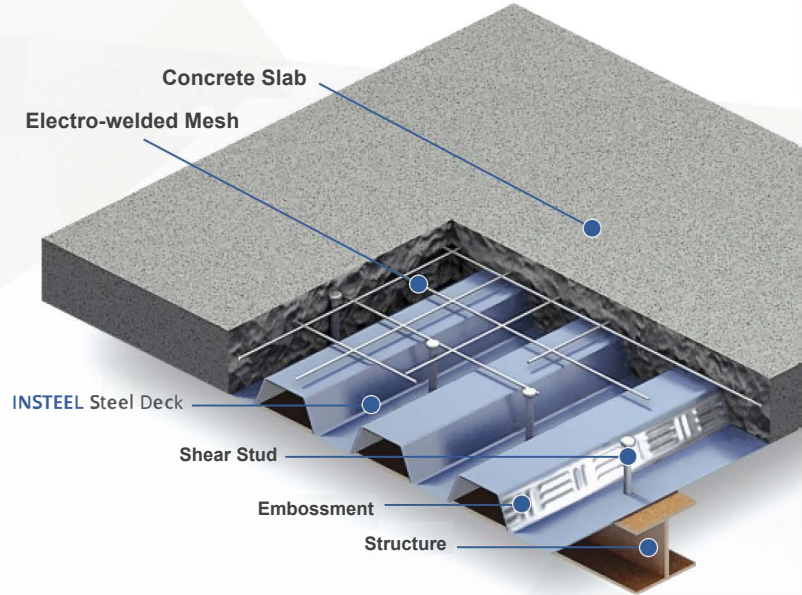
Product Specifications

## Description

Metal mezzanine system that uses a rolled steel profile designed to work perfectly with concrete and form mezzanine and roof slabs. Manufactured under the quality standards of ANSI (American National Standards Institute) and SDI (Steel Deck Institute).

## Specifications

- This metal flooring system, in addition to having excellent structural resistance, reduces construction times generating savings in labor, time and equipment rental.
- Acts as positive reinforcement steel and formwork.
- It can be applied with beams working as a composite section.
- The longitudinal reliefs formed in the panels of each INSTEEL channel act as mechanical connectors that join it to concrete, avoiding vertical separation.
- Replaces conventional wooden formwork, eliminating temporary shoring in some cases.

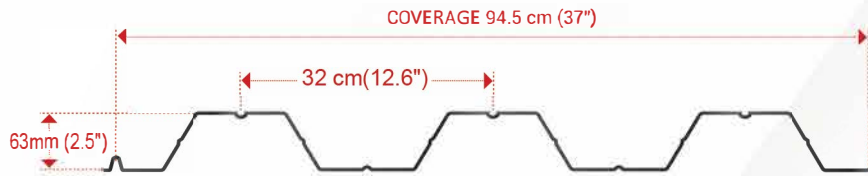


## Special Sized Steel Deck

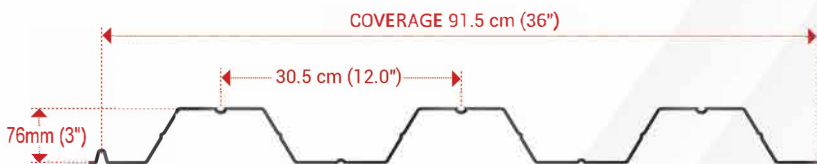
- Available in gauges: 22 and 24
- For special lengths please contact your sales executive.
- For more information please consult the sales department.

Coverage	
2.5"	3"
37 inches	36 inches

2.5"



3"



## WEIGHT CHART

Guage	Aproximate Weight kgs. x Linear Meter	Aproximate Weight kgs. x m <sup>2</sup>
24*	6.15	6.72
22	7.62	8.33
20	9.17	10.02
18*	12.02	13.14

\*Producción under Special Order Only.

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# Corrugated TRN- 100/35

Product Specifications

## Description

Corrugated profile manufactured in a plant using a stationary roll forming machine from a Ternium steel coil, designed as an exposed fixing wall. The material for the sheet can be Galvanized, Zintroalum, or Coated.

## Specifications

- Excellent Structural Capacity
- Minimum recommended slope is 6%
- Contains double anti-siphon channel.

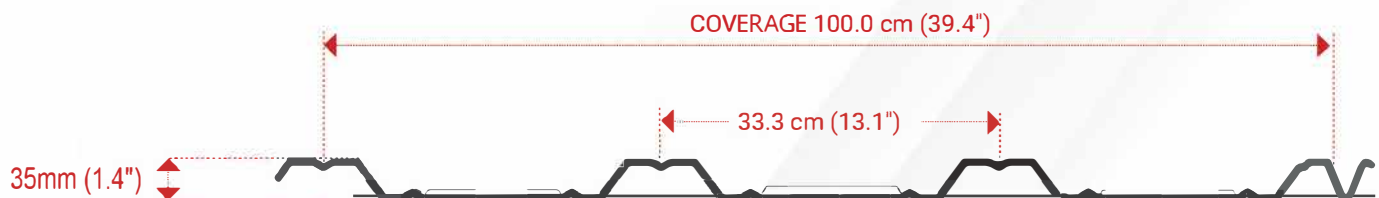
## Special Sized Steel Sheet

- Lengths: Minimum 1.83m (6') Maximum 15.00m (49.2')
- Gauges: 26, 24, or 22
- Delivery Time: 1 to 2 business days
- Galvanized, Zintro Alum, and Coated steel sheet
- For more information, please contact the sales department.



## Coverage

39.4 inches



## WEIGHT CHART

Gauge	Aproximate Weight kgs. x Linear Meter	Aproximate Weight kgs. x m <sup>2</sup>
26	4.69	4.69
24	5.42	5.42
22	7.61	7.61

•Theoretic Weights +/- 7%

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