



I.T. Steel Structure Solutions Pvt. Ltd.

Saves Money, Saves Time, Quality is not Compromised



COMPANY PROFILE

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In Partnership with



ZINCALUME® BRAND

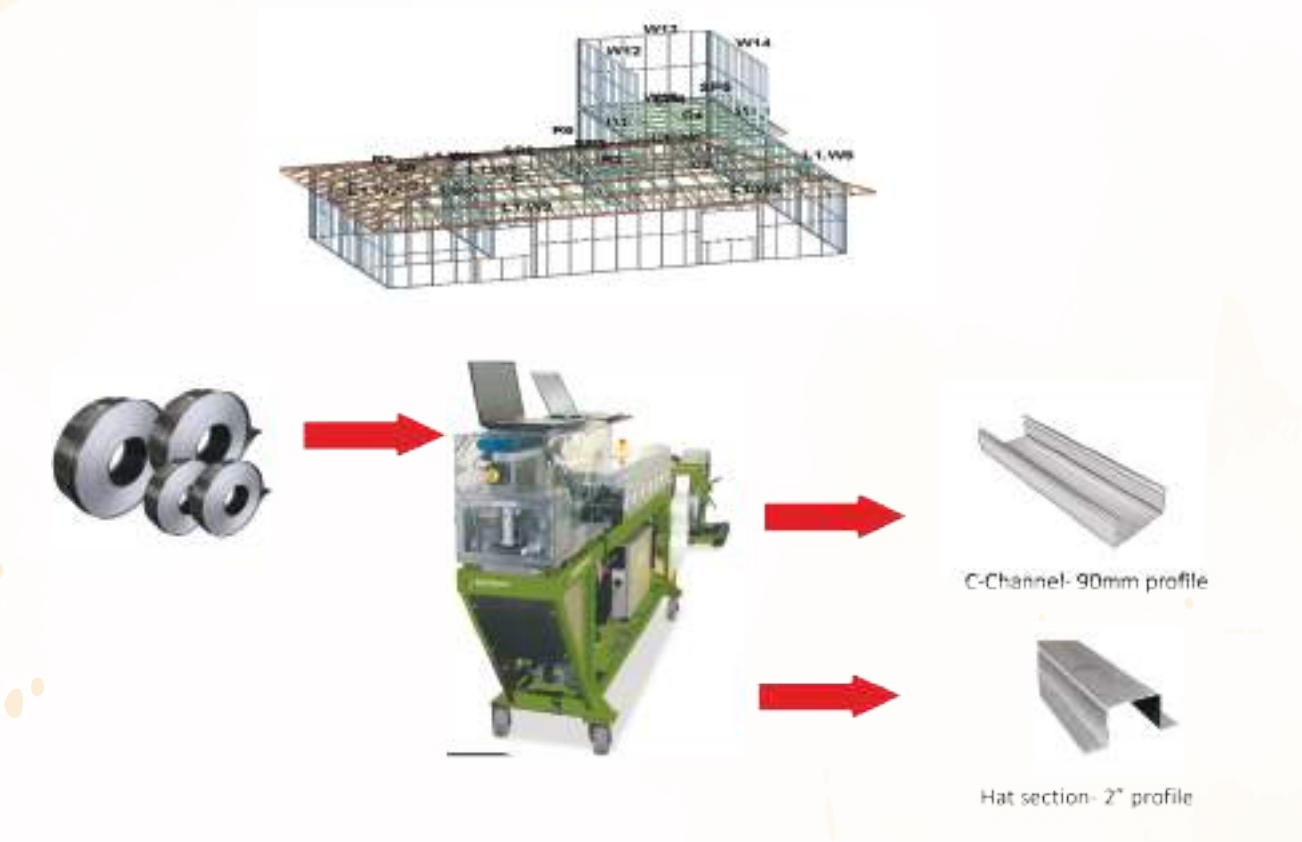


Fabrication Process

STEP 1
Designing and Analysis of LGFS Building in computer.

STEP 2
Loading of Steel to the decoiler

STEP 3
Copy the design in the Smart machine for roll forming into C-channels and Hat Sections.



STEP 4
The machine cold rolls the steel and form C-channels and Hat – Section of required length.

STEP 5
C- channels are assembled to form wall panels, roof support

STEP 6
Hat Sections are assembled to make floor joist and roof trusses



Wall Panel



Roof Truss

About ITSSS

I.T. Steel Structure Solutions Pvt. Ltd. (ITSSS) is owned and run by highly skilled women professionals. It is an Engineering based steel fabrication company. It provides affordable as well as premium housing solutions for residential and commercial buildings. The proficient team of ITSSS provides services in fabrication, erection and installation of such houses. As a key highlight the company proudly serves as the **Local Partner of Tata Bluescope Steel Pvt.Ltd.**

The material used for these steel structures is G550 AZ150 non alloy steel coil with minimum 150 gsm Zincalume coating from ZINCALUME R brand of TATA Bluescope Pvt. Ltd. It is in compliance with international standard of AS1397/ISI5961. The company uses sophisticated **Computer Aided Design (CAD)** software to design and analyze steel structures for any housing projects. The approved design is fed into intelligent and ultra-modern machinery equipment which cold rolls and cut the required sections with precision. This helps in faster, cheaper and simpler assembly of steel structures as such wall frames, roof trusses, roof panel and floor joist. Furthermore, the company also fabricates other steel structures using mild steel such as structural beams, columns, steel trusses and foundation bolts required for steel structures.

What is Light Gauge Framing System (LGFS) ?

Light Gauge Framing System (LGFS) is a modern construction technology using cold-rolled

Mission

Our mission is to provide economical steel structure housing solutions of international standards using Smart Technology and Intelligent machines for all purposes of housing construction.

Vision

To become leading Fabricator of Steel Structure Solutions for residential, rural, communal and commercial buildings.

steel as the construction material. It can be used for roof systems, floor systems, wall systems, roof panels, decks or the entire buildings.

Services we offer:

All the Engineering services (designing, analysis, fabricating, erecting and installing steel members) pertaining to the LGS and Structural Steel are performed by us. This includes premium residential homes & light commercial buildings, rural budgeted homes and school buildings. We also collaborate with our international partner for complex designs and structures.

Information on ZINCALUME®

ITSSS is the only Company of Nepal to make use of world -class high quality Zincalume® brand Light Gauge Steel (LGS) having high tensile strength to construct steel structures. ZINCALUME® STEEL is a proprietary brand of coated steel developed by BlueScope, an Australian steel manufacturer. It is well-known for its high-performance corrosion resistance and durability due to its unique metallic coating, which typically consists of **55% aluminum, 43.5% zinc, and 1.5% silicon.** This combination offers: Corrosion resistance: Ideal for LGFS, roofing, wall cladding, and structural applications.

Heat reflectivity: Helps in maintaining cooler interiors in buildings.

Durability: Longer lifespan compared to standard galvanized Steel

ZINCALUME® के हो ?

ITSSS नेपालको एक मात्र विश्व-स्तरीय उच्च-गुणस्तर का उच्च तन्व्य शक्ति (High Tensile Strength) भएको ZINCALUME® ब्रान्डको लाइट गेज स्टील (LGS) प्रयोग गरि मजबुत स्टील संरचनाहरूको निर्माण गर्ने कम्पनी हो ।

ZINCALUME® स्टील ब्लूस्कोप (BlueScope) नामक अष्ट्रेलियन स्टील उत्पादक कम्पनीद्वारा विकसित गरिएको विशेष कोटेड स्टील ब्रान्ड हो । यसको अद्वितीय धातु कोटिंग (Metallic Coating) को कारणले गर्दा, यो उच्च-प्रदर्शनकारी खिया प्रतिरोधी (Corrosion Resistant) र टिकाउ (Durable) मानिन्छ । यसमा **५५% एल्युमिनियम, ४३.५% जिंक, र १.५% सिलिकन** को मिश्रण रहेको हुन्छ, जसले यसलाई अझ बढी टिकाउ बनाउँछ ।

जंग प्रतिरोध : - LGFS का घरका संरचनाहरू छाना, भित्ताको क्ल्याडिङको लागि उपयुक्त हुन्छ भने यो कठोर वातावरणमा पनि टिकाउ हुन्छ ।

ताप परावर्तक क्षमता : - यसले ताप कम अवशोषण गर्ने भएकोले यसले भवनको भित्री तापक्रम स्थिर राख्न मद्दत गरि बिजुलीको पनि बचत गर्दछ ।

Why construct in LGFS ?

Because this technology is:

- A Smart and Sustainable Steel Building Technology
- Rust Resistant light Structure with high tensile steel
- Earthquake Resistant
- Pre-Engineered
- Fire Resistant
- Well Insulated
- Fast and Eco Build
- Easy Transport

एलजीएफएस (LGFS) मा निर्माण किन गर्ने ?

किनभने यो प्रविधि:

- एक स्मार्ट र दिगो इस्पात भवन प्रविधि
- खिया प्रतिरोधी संरचना, उच्च तन्व्य इस्पात
- भुकम्प प्रतिरोधी
- पूर्व-इन्जिनियर गरिएको
- अग्नि प्रतिरोधी
- राम्ररी इन्सुलेट गरिएको
- छिटो र पर्यावरणमैत्री निर्माण
- सजिलो ढुवानी

दिगोपन : - साधारण ग्याल्भेनाइज्ड स्टीलभन्दा बढी टिकाउ हुनाले कम मर्मत खर्च लाग्ने

यो आवासीय तथा व्यावसायिक निर्माण परियोजनाहरूको लागि उत्तम विकल्प हो ।

आई.टी. स्टील स्ट्रक्चर सोलुसन्स प्रा. लि. (ITSSS) को बारेमा

I.T. Steel Structure Solutions Pvt. Ltd. (ITSSS) दक्ष महिला द्वारा सञ्चालित इन्जिनियरिङमा-आधारित स्टील निर्माण कम्पनी हो । यो कम्पनीले उच्च गुणस्तरका आवासीय र व्यावसायिक भवनहरू सुलभ दरमा निर्माण गर्दछ । ITSSS को कुशल टोलीले स्टीलका घरहरूको डिजाइन, फेब्रिकेसन र जडान गर्ने जस्ता कार्यहरू गर्दछ । **ITSSS TATA Bluescope Steel Pvt. Ltd.** को स्थानिय साभेदार को रूपमा कार्य पनि गर्दछ ।

यी स्टील संरचनाहरू निर्माण गर्न Zincalume coating 150 gsm को (G55 AZ150) non alloy steel coil प्रयोग गरिन्छ । **ZINCALUME®** ब्राण्ड **ITSSS TATA Bluescope Steel Pvt. Ltd.** ले उत्पादन गर्दछ जसको अन्तराष्ट्रिय मापदण्ड ASI397/IS15961 रहेको छ । कम्पनीले कुनै पनि आवास परियोजनाको लागि स्टील संरचनाहरू डिजाइन र विश्लेषण गर्न अत्याधुनिक कम्प्युटर एडेड डिजाइन (CAD) सफ्टवेयर प्रयोग गर्दछ । अनुमोदित डिजाइनलाई स्मार्ट र अत्याधुनिक मेसिनरी उपकरणमा प्रविष्ट गरिन्छ, जसले आवश्यक भागहरूलाई चिसो रोल गरेर उच्च सटीकताका साथ काट्छ ।

यसले पर्खाल फ्रेम, छत ट्रस, छत प्यानल र फ्लोर जोइस्ट जस्ता स्टील संरचनाहरूको छिटो, सस्तो र सरल संयोजन गर्न मद्दत गर्छ । साथै, कम्पनीले संरचनात्मक बीम, स्तम्भ, स्टील ट्रस र स्टील संरचनाहरूको लागि आवश्यक फाउन्डेसन बोल्टहरू जस्ता अन्य स्टील संरचनाहरू पनि माइल्ड स्टील प्रयोग गरेर निर्माण गर्दछ ।

उद्देश्य

हाम्रो मिशन भनेको स्मार्ट प्रविधि र बौद्धिक मेसिनहरू प्रयोग गरेर अन्तर्राष्ट्रिय मापदण्डका क्वालिटी हल्का इस्पात संरचना निर्माण गरि आवासिय समाधानहरू उपलब्ध गराउनु हो ।

परिकल्पना

आवासीय, ग्रामीण, सामुदायिक र व्यावसायिक भवनहरूका लागि इस्पात संरचना समाधानको अग्रणी निर्माता बन्नु ।

लाइट गेज फ्रेमिङ प्रणाली (LGFS) के हो?

लाइट गेज फ्रेमिङ प्रणाली (LGFS) एक अत्याधुनिक निर्माण प्रविधि हो, जसमा निर्माण सामग्रीको रूपमा कोल्ड-फर्मिड स्टील प्रयोग गरिन्छ । यसलाई छाना प्रणाली, भुईँ प्रणाली, भित्ता प्रणाली, छाना प्यानल, डेक वा पुरै भवन निर्माणका लागि प्रयोग गर्न सकिन्छ ।

हाम्रा सेवाहरू

हामी एलजीएस (LGS) र संरचनात्मक इस्पात (Structural Steel) सम्बन्धी सबै इन्जिनियरिङ सेवाहरू (डिजाइन, विश्लेषण, निर्माण, ईरेक्सन र इन्सटलेसन) प्रदान गर्छौं । यसमा उच्चस्तरीय आवासीय घरहरू र हल्का व्यावसायिक भवनहरू, ग्रामीण सुलभ मुल्यमा घरहरू र विद्यालय भवनहरू समावेश छन् । जटिल डिजाइन र संरचनाहरूको लागि हामी हाम्रो अन्तर्राष्ट्रिय साभेदारसँग पनि सहकार्य गर्छौं ।

Our Accomplished Projects

ITSSS Company take pride in the diverse portfolio of successfully completed projects, showcasing their expertise, innovation, and commitment to excellence.

1. Corporate Office Building



LGFS Structure is a Smart and Sustainable Building Technology
LGFS संरचना एक स्मार्ट र दिगो निर्माण प्रविधि हो ।

Builtup Area: 3500 sq.ft / Site: Siddhartha Cable Car Ltd, / Deurali Danda, Butwal -1



Fully Completed LGFS Building (पूर्ण रूपमा सम्पन्न LGFS भवन)

TATA BLUESCOPE PVT. LTD.
ZINCALUME® BRAND



LGFS Structure is a Earthquake Resistant
LGFS संरचना भूकम्प प्रतिरोधी हो ।

Builtup Area: 1805 sq.ft / Site: Siddhartha Cable Car Ltd, / Deurali Danda, Butwal -1



Fully Completed LGFS Building (पूर्ण रूपमा सम्पन्न LGFS भवन)

TATA BLUESCOPE PVT. LTD.
ZINCALUME® BRAND



LGFS Structure is Fire Resistant
LGFS संरचना अग्नि प्रतिरोधी हो ।

Builtup Area: 1237 sq.ft / Site: Siddhartha Cable Car Ltd, / Deurali Danda, Butwal -1



Fully Completed LGFS Building (पूर्ण रूपमा सम्पन्न LGFS भवन)

TATA BLUESCOPE PVT. LTD.
ZINCALUME® BRAND



LGFS structure is light weight and fast build
LGFS संरचना हल्का तौलको र छिटो निर्माण योग्य हुन्छ ।

Builtup Area: 2745 sq.ft / Site: Residential Building / Kalika Nagar, Butwal-11



Semi-finished LGFS Building (अर्धसम्पन्न LGFS भवन)

TATA BLUESCOPE PVT. LTD.
ZINCALUME® BRAND



LGFS Structure is strong and robust
LGFS संरचना मजबूत र बलियो हुन्छ ।

Builtup Area: 2400 sq.ft / Site: Near Ban Batika / Tilottama -3



3D View of LGFS Residential Building (3D LGFS निवास भवन)

TATA BLUESCOPE PVT. LTD.
ZINCALUME® BRAND



LGFS Structure is Rust Resistant
LGFS संरचना जंग प्रतिरोधी हुन्छ ।

Builtup Area: 5000 sq.ft / Site: Kanchan-1, Bansgadi, Rupandehi



Semi-finished LGFS Building (अर्धसम्पन्न LGFS भवन)

**TATA BLUESCOPE PVT. LTD.
ZINCALUME® BRAND**



**LGFS Building is a Eco-Friendly
LGFS भवन पर्यावरण मैत्री हुन्छ ।**

Builtup Area: 968 sq.ft / Site: Siddhartha Cable Car Ltd, / Deurali Danda, Butwal -1



Fully Completed LGFS Building (पूर्ण रूपमा सम्पन्न LGFS भवन)

Commonly used Construction Material



Figure 1

Builtup Area: 249 sq.ft
Loft Home

Loft Home Interior by Ultra Interior

S.No.	Material Description	Thickness	Important Properties	Size
1	External/Internal Cladding: Fibre Cement Board	6mm, 8mm, 10mm, 12mm	<ul style="list-style-type: none"> ➤ Density: >14 50kg/m³ ➤ Modulus of Rupture >14 at wet condition ➤ Impact Resistant, ➤ Water, heat and high wind pressure resistant ➤ Modulus of Rupture > 18 MPa at EMC ➤ Modulus of Rupture >14 at wet condition ➤ Impact Resistant, 	4'X6' 4'X 8' 4'X 8' 4'X 8'
2	Flooring Board: Fibre Cement Board	18mm, 22mm	<ul style="list-style-type: none"> ➤ Same as above: ➤ Load bearing capacity: 1000 kg/m² ➤ Unplanned point Load > 45 kg 	4'X8' 4'X8'
3	Wall Insulation: Rockwool	50mm 75mm 100mm	<ul style="list-style-type: none"> ➤ Non-combustible Euroclass A1 ➤ Ignitibility: 0, Spread of flame: 0 Heat evolved: 0 Smoke developed: 0-1 ➤ Thermal Conductivity: 0.035 W/mK ➤ Water Absorption (partial immersion): 1 kg/m² ➤ Water Vapor Absorption < 0.04 Vol % ➤ Sound Insulation: 125Hz to 4000Hz 	4'X12'
4	Roofing Insulation: Glasswool	25mm 50mm	<ul style="list-style-type: none"> ➤ Thermal Conductivity: 0.037 W/(m.k) ➤ Fire Resistant: A1 	12m ² per roll
5	Roofing Sheet:	0.35mm on wards	➤ Galvanized MS Sheet	As per need

Figure 2

S.No.	Material Description	Thickness	Cube Testing Results
1	Wall infill/ Floor Slab/ Roof Slab: Light Cellular Concrete	4"	<ul style="list-style-type: none"> ➤ Age: 38 days ➤ Weight: 1.794 kg ➤ Density: 531.56 kg/m³ ➤ Breaking Load (KN): 41.5 ➤ Compressive Strength: 1.84 N/mm² ➤ Water Absorption %: 4.30 (A1-A2) /A2*100

Material Description of Light Gauge Steel used in ITSSS

Test Report of Light Gauge Steel

Thickness: 0.55mm

Sr. No.	Coil Number	Mother Coil Number	Base Metal Thickness (mm)	Width (mm)	BASE STEEL MECHANICAL PROPERTIES					METALLIC COATING QUALITY TEST	
					Yield Strength (MPa)	Ultimate Tensile Strength (MPa)	Gauge Length (mm)	Elongation (%)	Hardness (HR30T)	Metallic Coating Adhesion (T- Bend)	Metallic Coating (Triple spot) (g/m ²)
1	2406871300	2406871000	0.55	173	691.0	706.0	80	4.31	77	PASS	160
2	2406871100	2406871000	0.55	173	691.0	706.0	80	4.31	77	PASS	160
3	2406871200	2406871000	0.55	173	691.0	706.0	80	4.31	77	PASS	160
4	2406871400	2406871000	0.55	173	691.0	706.0	80	4.31	77	PASS	160
5	2406872700	2406872000	0.55	173	691.0	706.0	80	4.31	77	PASS	160
6	2406872900	2406872000	0.55	173	691.0	706.0	80	4.31	77	PASS	160
7	2406872A00	2406872000	0.55	173	691.0	706.0	80	4.31	77	PASS	160

Thickness: 0.75mm

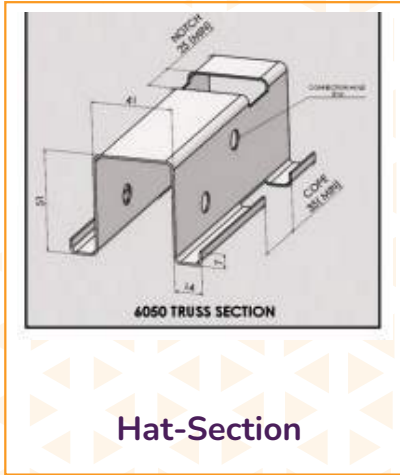
Sr. No.	Coil Number	Mother Coil Number	Base Metal Thickness (mm)	Width (mm)	BASE STEEL MECHANICAL PROPERTIES					METALLIC COATING QUALITY TEST	
					Yield Strength (MPa)	Ultimate Tensile Strength (MPa)	Gauge Length (mm)	Elongation (%)	Hardness (HR30T)	Metallic Coating Adhesion (T- Bend)	Metallic Coating (Triple spot) (g/m ²)
1	2408681400	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
2	2408681200	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
3	2408681300	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
4	2408681600	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
5	2408681700	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
6	2408681800	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
7	2408681A00	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154

Thickness: 0.95mm

Sr. No.	Coil Number	Mother Coil Number	Base Metal Thickness (mm)	Width (mm)	BASE STEEL MECHANICAL PROPERTIES					METALLIC COATING QUALITY TEST	
					Yield Strength (MPa)	Ultimate Tensile Strength (MPa)	Gauge Length (mm)	Elongation (%)	Hardness (HR30T)	Metallic Coating Adhesion (T- Bend)	Metallic Coating (Triple spot) (g/m ²)
1	2408681400	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
2	2408681200	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
3	2408681300	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
4	2408681600	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
5	2408681700	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
6	2408681800	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154
7	2408681A00	2408681000	0.75	173	661.0	678.0	80	8.78	76	PASS	154

- The material ITSSS uses is from Tata Steel Pvt. Ltd. India.
- Description: G550 AZ150 non alloy steel coil
- Standard: AS 1397/IS15961
- Base Material Thickness: 0.55mm, 0.75mm & 0.95mm Coating: ZINCALUME

ITEM PROPERTIES:



HEX HEAD TEN SCREW

Description
15g - 16 x 18mm, HVH, 16g, CP

Size	Min	Max
15g	15.0	15.5
16g	16.0	16.5
17g	17.0	17.5
18g	18.0	18.5
19g	19.0	19.5
20g	20.0	20.5
21g	21.0	21.5
22g	22.0	22.5
23g	23.0	23.5
24g	24.0	24.5
25g	25.0	25.5
26g	26.0	26.5
27g	27.0	27.5
28g	28.0	28.5
29g	29.0	29.5
30g	30.0	30.5
31g	31.0	31.5
32g	32.0	32.5
33g	33.0	33.5
34g	34.0	34.5
35g	35.0	35.5
36g	36.0	36.5
37g	37.0	37.5
38g	38.0	38.5
39g	39.0	39.5
40g	40.0	40.5
41g	41.0	41.5
42g	42.0	42.5
43g	43.0	43.5
44g	44.0	44.5
45g	45.0	45.5
46g	46.0	46.5
47g	47.0	47.5
48g	48.0	48.5
49g	49.0	49.5
50g	50.0	50.5
51g	51.0	51.5
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60g	60.0	60.5
61g	61.0	61.5
62g	62.0	62.5
63g	63.0	63.5
64g	64.0	64.5
65g	65.0	65.5
66g	66.0	66.5
67g	67.0	67.5
68g	68.0	68.5
69g	69.0	69.5
70g	70.0	70.5
71g	71.0	71.5
72g	72.0	72.5
73g	73.0	73.5
74g	74.0	74.5
75g	75.0	75.5
76g	76.0	76.5
77g	77.0	77.5
78g	78.0	78.5
79g	79.0	79.5
80g	80.0	80.5
81g	81.0	81.5
82g	82.0	82.5
83g	83.0	83.5
84g	84.0	84.5
85g	85.0	85.5
86g	86.0	86.5
87g	87.0	87.5
88g	88.0	88.5
89g	89.0	89.5
90g	90.0	90.5
91g	91.0	91.5
92g	92.0	92.5
93g	93.0	93.5
94g	94.0	94.5
95g	95.0	95.5
96g	96.0	96.5
97g	97.0	97.5
98g	98.0	98.5
99g	99.0	99.5
100g	100.0	100.5

Rivets and Screws

RIVETS

Description
Steel / Steel Open Type

D Metric	Art Code	Rivet Range		L (Max.)		H Metric	E Metric	Dish. H. & H.A.M. Size	P Metric	Zinc Coat	Thermal T.C.S.S
		mm	mm	mm	mm						
4.8mm	304-1	8.00-10.25	9.3-9.2	8.35	8.3	4.375	8.000	9.11	1.00	540	100
	304-2	8.12-10.18	9.3-9.8	8.40	8.8	9.5	1.50	4.8-5.0	.21	2400	3000
		Body								Zinc Plated	
		Marking								Zinc Plated	

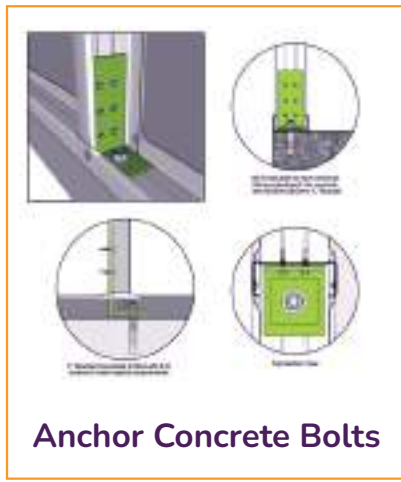
Rivets and Screws

WATER HEAD TEAR SCREW

Description
15g - 16 x 18mm-16g, HVH, 16g, CP

Size	Min	Max
15g	15.0	15.5
16g	16.0	16.5
17g	17.0	17.5
18g	18.0	18.5
19g	19.0	19.5
20g	20.0	20.5
21g	21.0	21.5
22g	22.0	22.5
23g	23.0	23.5
24g	24.0	24.5
25g	25.0	25.5
26g	26.0	26.5
27g	27.0	27.5
28g	28.0	28.5
29g	29.0	29.5
30g	30.0	30.5
31g	31.0	31.5
32g	32.0	32.5
33g	33.0	33.5
34g	34.0	34.5
35g	35.0	35.5
36g	36.0	36.5
37g	37.0	37.5
38g	38.0	38.5
39g	39.0	39.5
40g	40.0	40.5
41g	41.0	41.5
42g	42.0	42.5
43g	43.0	43.5
44g	44.0	44.5
45g	45.0	45.5
46g	46.0	46.5
47g	47.0	47.5
48g	48.0	48.5
49g	49.0	49.5
50g	50.0	50.5
51g	51.0	51.5
52g	52.0	52.5
53g	53.0	53.5
54g	54.0	54.5
55g	55.0	55.5
56g	56.0	56.5
57g	57.0	57.5
58g	58.0	58.5
59g	59.0	59.5
60g	60.0	60.5
61g	61.0	61.5
62g	62.0	62.5
63g	63.0	63.5
64g	64.0	64.5
65g	65.0	65.5
66g	66.0	66.5
67g	67.0	67.5
68g	68.0	68.5
69g	69.0	69.5
70g	70.0	70.5
71g	71.0	71.5
72g	72.0	72.5
73g	73.0	73.5
74g	74.0	74.5
75g	75.0	75.5
76g	76.0	76.5
77g	77.0	77.5
78g	78.0	78.5
79g	79.0	79.5
80g	80.0	80.5
81g	81.0	81.5
82g	82.0	82.5
83g	83.0	83.5
84g	84.0	84.5
85g	85.0	85.5
86g	86.0	86.5
87g	87.0	87.5
88g	88.0	88.5
89g	89.0	89.5
90g	90.0	90.5
91g	91.0	91.5
92g	92.0	92.5
93g	93.0	93.5
94g	94.0	94.5
95g	95.0	95.5
96g	96.0	96.5
97g	97.0	97.5
98g	98.0	98.5
99g	99.0	99.5
100g	100.0	100.5

Rivets and Screws



DESCRIPTION

Anchor bolts for use in concrete and masonry. They are used to secure steel structures to concrete walls and floors. They are available in various sizes and lengths. They are made of high strength steel and are coated with zinc for corrosion resistance.

Material
Steel

Finish
Zinc Plated

Weight
As per specification

Applications
Used for securing steel structures to concrete walls and floors.

Key Features
• High strength steel
• Zinc plated finish
• Available in various sizes and lengths

Technical Data

Size	Min	Max
12mm	12.0	12.5
14mm	14.0	14.5
16mm	16.0	16.5
18mm	18.0	18.5
20mm	20.0	20.5
22mm	22.0	22.5
24mm	24.0	24.5
26mm	26.0	26.5
28mm	28.0	28.5
30mm	30.0	30.5
32mm	32.0	32.5
34mm	34.0	34.5
36mm	36.0	36.5
38mm	38.0	38.5
40mm	40.0	40.5
42mm	42.0	42.5
44mm	44.0	44.5
46mm	46.0	46.5
48mm	48.0	48.5
50mm	50.0	50.5
52mm	52.0	52.5
54mm	54.0	54.5
56mm	56.0	56.5
58mm	58.0	58.5
60mm	60.0	60.5
62mm	62.0	62.5
64mm	64.0	64.5
66mm	66.0	66.5
68mm	68.0	68.5
70mm	70.0	70.5
72mm	72.0	72.5
74mm	74.0	74.5
76mm	76.0	76.5
78mm	78.0	78.5
80mm	80.0	80.5
82mm	82.0	82.5
84mm	84.0	84.5
86mm	86.0	86.5
88mm	88.0	88.5
90mm	90.0	90.5
92mm	92.0	92.5
94mm	94.0	94.5
96mm	96.0	96.5
98mm	98.0	98.5
100mm	100.0	100.5

Hold Downs

DESCRIPTION

Hold downs are used to secure steel structures to concrete walls and floors. They are available in various sizes and lengths. They are made of high strength steel and are coated with zinc for corrosion resistance.

Material
Steel

Finish
Zinc Plated

Weight
As per specification

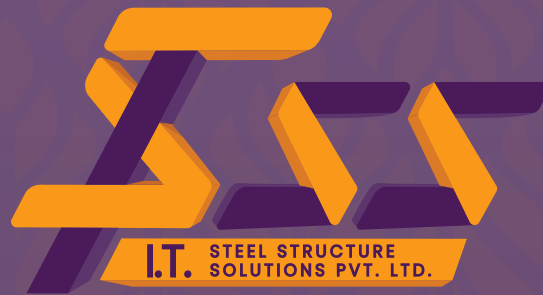
Applications
Used for securing steel structures to concrete walls and floors.

Key Features
• High strength steel
• Zinc plated finish
• Available in various sizes and lengths

Technical Data

Size	Min	Max
12mm	12.0	12.5
14mm	14.0	14.5
16mm	16.0	16.5
18mm	18.0	18.5
20mm	20.0	20.5
22mm	22.0	22.5
24mm	24.0	24.5
26mm	26.0	26.5
28mm	28.0	28.5
30mm	30.0	30.5
32mm	32.0	32.5
34mm	34.0	34.5
36mm	36.0	36.5
38mm	38.0	38.5
40mm	40.0	40.5
42mm	42.0	42.5
44mm	44.0	44.5
46mm	46.0	46.5
48mm	48.0	48.5
50mm	50.0	50.5
52mm	52.0	52.5
54mm	54.0	54.5
56mm	56.0	56.5
58mm	58.0	58.5
60mm	60.0	60.5
62mm	62.0	62.5
64mm	64.0	64.5
66mm	66.0	66.5
68mm	68.0	68.5
70mm	70.0	70.5
72mm	72.0	72.5
74mm	74.0	74.5
76mm	76.0	76.5
78mm	78.0	78.5
80mm	80.0	80.5
82mm	82.0	82.5
84mm	84.0	84.5
86mm	86.0	86.5
88mm	88.0	88.5
90mm	90.0	90.5
92mm	92.0	92.5
94mm	94.0	94.5
96mm	96.0	96.5
98mm	98.0	98.5
100mm	100.0	100.5

Hold Downs



In Partnership with



ZINCALUME® BRAND

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