



The Trusted Infrastructure

Our services

Pre-Fabricated Steel Building – Durable and cost-effective structures.

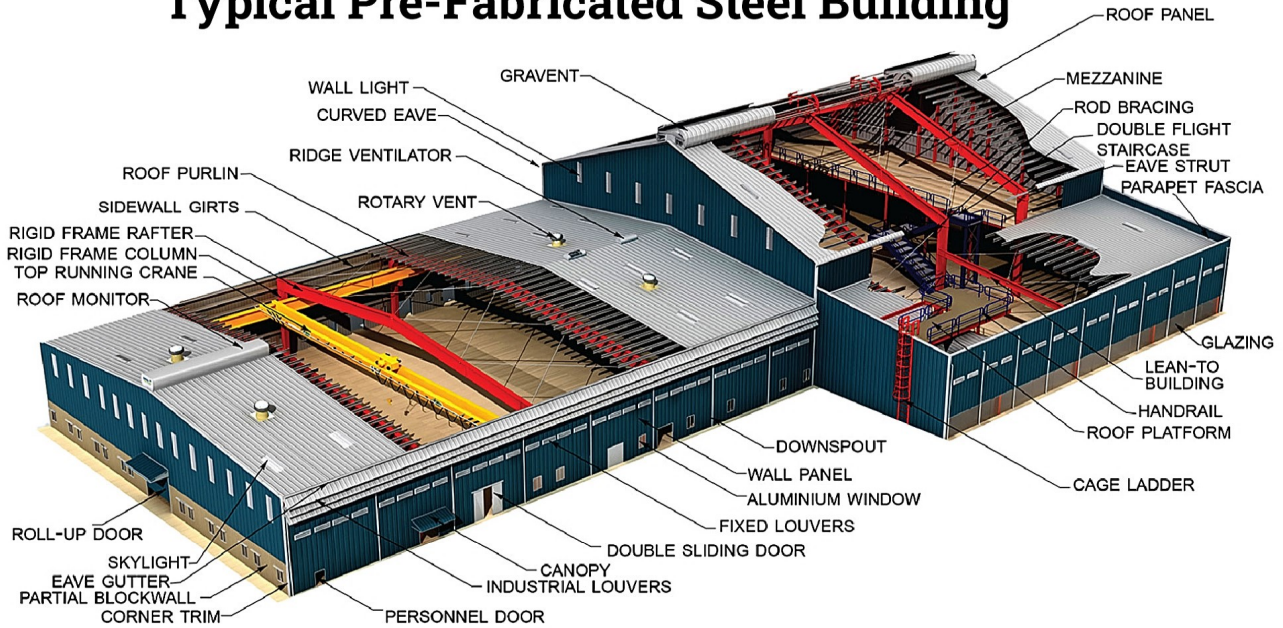
Civil Construction – High-quality infrastructure development.

Developer – Comprehensive real estate and project development solutions.

Interior Design – Luxury and functional spaces.

Glass and Facade – Modern exterior solutions.

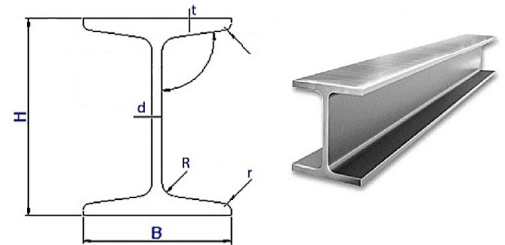
Typical Pre-Fabricated Steel Building



Material Standard

I Beam

An I-beam, also known as H-beam (for universal column, UC), W-beam (for wide flange), universal beam (UB), rolled steel joint (RSJ) or double-T (especially in Polish, Bulgarian, Spanish, Italian and German), is a beam with an I or H-shaped cross-section. The elements of the "I" are known as flanges, while the vertical element is termed the "web". I-beams are used in construction and civil engineering.



MS Plate			
Parameter		Min (mm)	Max (mm)
Flange	Width (B)	100	600
	Thickness (tf)	6	40
Web	Height (H)	100	1500
	Thickness (tw)	4.5	32

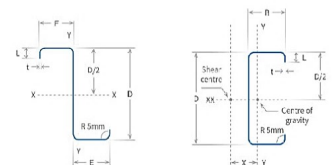
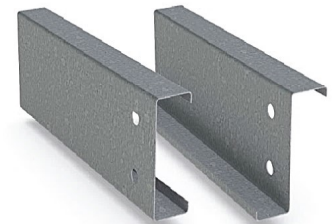
- Material : Hot Rolled Plates
- Standard : ASTM A572 M Grade-50 (G-345)
- Yield Strength : 345MPa
- Surface : Red Oxide/Gray Oxide
- Length : 6m
- Application : Column, Beam, Rafter, Bracing etc.

Purlin

In steel construction, the term purlin typically refers to roof framing members that span parallel to the building eave, and support the roof decking or sheeting. The purlins are in turn supported by rafters or walls. Purlins are most commonly used in Metal Building Systems, where Z-shapes are utilized in a manner that allows flexural continuity between spans.

C purlins : The shape of these types of purlins is that of a square 'C'. C purlins are used as purlins over walls, rafters, floor joists and studs for walls.

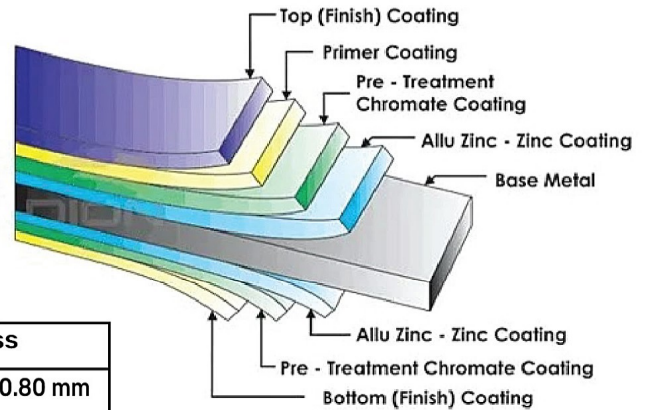
Z purlins : Z purlins resemble the alphabet Z and are also called as Zed Purlins. This shape helps the purlins to overlap joint and is stronger and sturdier than the C purlins. As a result, they tend to be used for large-scale structures.



Profile Sheet

Ribbon Coated Profile Sheet is a versatile roof or wall cladding that is manufactured using advanced manufacturing process using high tensile steel. It has a bold, deep troughed and extra strong profile that can be easily fixed down to desirable pitch and can achieve multiple spans for roofing.

Available Colours

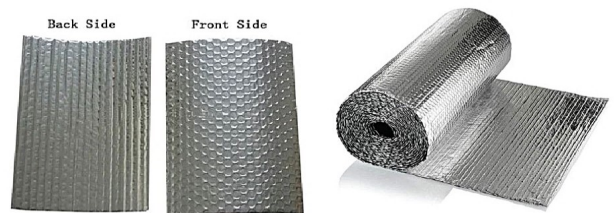


Combination	Type of coating	Base Metal	Thickness
99.5% Zn	RMP/SMP	High Tensile /CR	0.47 mm to 0.80 mm
Al 55% Zn 43.4%Si 1.6%	RMP/SMP	High Tensile Steel	0.47 mm to 0.65 mm
Al 55% Zn 43.4%Si 1.6%	RMP/SMP	RMP/SMP High Tensile Steel	0.47 mm to 0.65 mm

Accessories

Bubble Insulation

Foil-faced bubble wrap is a thin product that comes in a roll. Its R-value is dismally low. Most brands of foil-faced bubble wrap are only 3/8 inch thick or less, and have an R-value of 1.0 or 1.1.



Vantilation

Natural ventilation is the process of supplying air to and removing air from an indoor space without using Mechanical systems. It refers to the flow of external air to an indoor space as a result of pressure differences arising from natural foeces.



Louwer

A louver is a window blind or shutter with horizontal that are angled to admit light and air, but to keep out rain and direct sunshine. The angle of the slats may be adjustable, usually in blinds and windows, or fixed.



Nut bolt & Screw

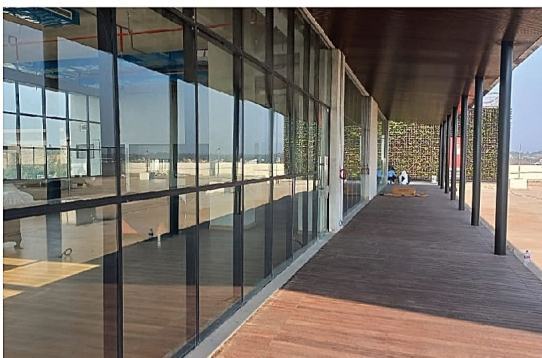
The rod with threads and a head is a bolt and alongside it is a nut. A screw is a type of fastener, characterized by a helical ridge, known as a male thread (external thread) or just a well thread.



Civil Project



Interior Project



Steel Project



About SDL

Safe Domicile Ltd. (SDL), established in 2016, is one of Bangladesh's leading companies in steel buildings, civil construction, real estate development, and interior design. With a team of experienced engineers, architects, and management professionals, SDL delivers high-quality, cost-effective, and sustainable solutions for government and private sector projects.

Backed by robust logistics, insurance, and consultancy services, SDL ensures smooth project execution and long-term reliability. With dedication, innovation, and excellence at its core, SDL continues to shape the future of construction and development in Bangladesh.

Why Choose Us

- ✔ **Skilled Manpower**– Experienced professionals ensuring quality execution.
- ✔ **High-Quality Materials**– Premium products for durable and reliable results.
- ✔ **Timely Project Delivery**– On-schedule completion with efficient planning.
- ✔ **Cost-Effective Solutions**– Competitive pricing without compromising quality.

Contact US

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