

Cyprometal
Steel Structure Contractors

Light Gauge *Steel Frame* Buildings

This technology is already widely used in Europe, the US and all over the world.

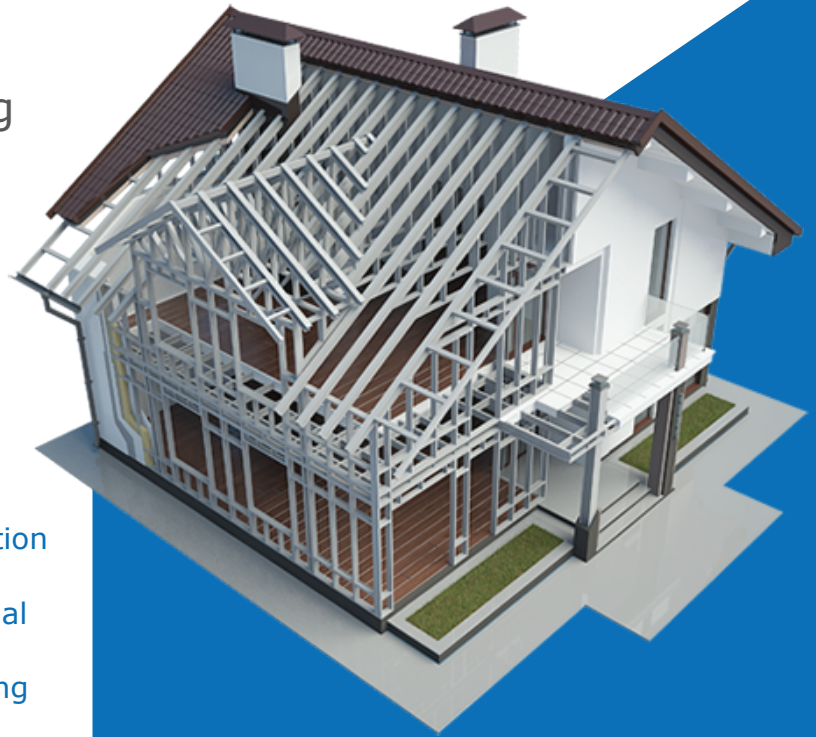


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Advantages of Using Light Gauge Steel over hot rolled or other engineering materials for your building:

- **Strong** but **Lighter** systems, **easier** to handle and transport
- **Less expensive**, including material, reduced construction duration, reduced labour costs, reduced scrap, reduced construction waste.
- **Faster** and **easier** erection and installation
- **Sustainable**, made of recyclable material
- **Durable**, resistant to termites and rotting
- **Safe** for residents and **good performance** at natural disasters
- **Easy to remodel** compared to concrete structures, partition walls can be easily shuffled, detached or changed
- **Design Flexibility** compared to concrete structures, larger span lengths available due to less weight of structure and space utilization is increased



Cyprometal is expanding its products and services by introducing the design and execution of light gauge steel framing buildings.

Cyprometal can offer the below material options:

Option 1: PRIME GALVANIZED STEEL (HDG) COILS AS PER EN 10346 S550GD Z 275 g/m². Thickness 1.15mm

Option 2: MAGNELIS ZM310 GRADE S550GD HyPerTM. Thickness 1.15, 1.50mm

HyPerTM (High Performance) combines high strength metallic coated steel with excellent cold form ability.

High TS/YS ratio prevents geometric distortion during forming linked to material springback.

The **Magnelis ZM310** coated coils, from which the light gauge profiles can be made, provide many more advantages in light gauge steel framings:

- Excellent corrosion protection for indoor and outdoor applications. Corrosivity class C5 according to in SS-EN ISO 12944-2
- Self-healing effect ensures excellent edge protection
- Best and most cost-effective alternative to post-galvanised steels
- Wide feasibility range
- Excellent processing properties
- Environmentally friendly

Profile Technical Specification

Web Size	100mm	150mm	250mm
Flange Size	50mm	50mm	50mm
Lip Size	12.5mm	15.0mm	15.0mm
Web Hole	Triple 3.5mm	Triple 3.5mm	Triple 3.5mm
Service Hole	34.1mm	34.1mm	34.1mm
Bolt Hole	13mm	13mm	13mm
Dimple Hole Size	3.5mm	3.5mm	3.5mm
End Truss Miter Tool	45° cut std	45° cut std	45° cut std

OUR VISION is "to keep being recognized as the national market leaders in structural steel, known for our ability to deliver projects of any complexity, to the highest possible standards."