



Steel U-Channels

Industrial-Grade Precision & Versatile Structural Framing

Key Features

High Strength-to-Weight Ratio:

Cold-rolled or hot-rolled steel options provide maximum structural support with minimal material weight.

Galvanized Protection: Available with a high-quality zinc coating to prevent rust and corrosion in coastal environments like Kilifi.

Dimensional Accuracy: Manufactured to strict tolerances to ensure a perfect fit for track systems, wall framing, and edge protection.

Modular Compatibility: Designed to integrate seamlessly with precast panels, cement fiber boards, and masonry systems.

Ease of Fabrication: Can be easily welded, bolted, or drilled on-site to meet specific architectural requirements.

Email: info@web-housing.com
Website: web-housing.com

Technical Specifications

Parameter	Details
Material Grade	Q235, Q345, or S235JR Structural Steel
Standard Widths	50mm, 75mm, 100mm, 150mm, 200mm
Flange Height	25mm to 100mm (customizable)
Thickness	1.5mm to 6.0mm (Gauge options available)
Length	3.0m, 5.8m, or 6.0m
Surface Treatment	Hot-Dip Galvanized, Primed, or Black Steel
Standard	Compliant with ASTM A36 or EN 10025

Benefits

Speed of Assembly: Simplifies the construction of partition tracks and floor-to-ceiling framing.

Durability: Resistant to fire, termites, and fungal decay, unlike traditional timber framing.

Straight & True: Steel does not warp, twist, or shrink, ensuring walls stay perfectly plumb over time.

Seismic Resistance: Flexible connection properties allow for better performance during structural movements or seismic events.

Factory Address: Kilifi, Kenya
Tel: +254 72 495 1377

Applications

Panel Framing: Top and bottom tracks for installing EPS Sandwich Wall Panels and Precast Walls.

Mezzanine Floors: Primary and secondary support joists for industrial flooring.

Cable Tray Supports: Heavy-duty routing for electrical and mechanical services.

Vehicle Chassis & Trailers: Rigid structural base for transport and agricultural machinery.

Why Choose WEB Housing Steel U-Channels?

Coastal Grade Coating: Our galvanization process is optimized for the Kenya coast to ensure a long service life against salt-air corrosion.

Precision Cutting: We offer factory-cut lengths to minimize on-site waste and speed up your installation process.

Engineering Support: We provide technical data sheets for load-bearing calculations to assist your structural engineer.

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