

# Guard Rail System

Road Safety and Security



The Guard Rail System is designed to keep vehicles from (in most cases un-intentionally) straying into dangerous or off—limit areas causing risk to passengers as well as other vehicular traffic on the road.

## Benefits:

- Securing sharp curves or sharp turns
- Helps prevent damage to utilities on roads
- Easy and quick installation
- Longevity is at it's best
- Loads are evenly distributed to reduce head on impact or angled impact

## Applications:

- Roads and highways
- Steep curves and hairpins
- Mountainous terrain roads



## Configurations:

- Beam—W section with 3.81 m C/C (or any other lengths) with thickness of 2.74 mm or 3.25 mm.
- Posts—C section 150 x 100 x 5 mm thick, 1.83 m length  
UPN 120—1.83 m length  
IPE120/IPE150/IPE160—1.83 m length
- Terminals—Fish Tail Terminal / End Terminal / Anchor Terminal type 1/2/3/4/5

## Finishes:

- Guard Rail Beam—Hot Dip Galvanized to ASTM A—123
- Posts—Hot Dip Galvanized to ASTM A—123
- Accessories—Bolts, nuts, washers are manufactured according to AASHTO M-180  
Galvanizing—according to ASTM A—153  
Nuts and bolts conform to ASTM 307 Class 8.8



## Know more

To know more about **Guard Rail System** visit [www.ambitionsllc.com](http://www.ambitionsllc.com) or contact us:

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Ambitions is committed to follow a strict adherence to HSE procedures as per ISO 14001:2015, ISO 45001:2018 certifications

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