



Hot-dip Galvanized M180 Steel Guardrail with Bolted Connection and W-beam Section Shape for Highway Safety

Basic Information



Product Specification

- Connection Type: Bolted
- Impactresistance: Designed To Absorb And Deflect Vehicle Impact
- Color: Silver Metallic
- Applicable Road Type: Highway
- Maintenance: Low Maintenance Required
- Shape: W-beam
- Width: 310mm
- Height: 80 Centimeters
- Highlight: **W-beam steel guardrail highway , M180 guardrail road safety, steel guardrail structural strength**

Product Description:

The Highway Guardrail M180 is a premium roadside protective barrier designed specifically for highways, ensuring maximum safety and durability in high-traffic environments. Engineered to meet the rigorous demands of modern highway infrastructure, this highway traffic barrier offers exceptional protection against vehicle collisions, helping to reduce accident severity and improve overall road safety. Its robust construction and advanced design make it an essential component for any highway safety system.

One of the standout features of the Highway Guardrail M180 is its durable hot-dip galvanized finish. This finish provides superior corrosion resistance, making the guardrail highly resistant to rust and environmental wear and tear. The hot-dip galvanization process ensures a long-lasting protective coating that maintains the guardrail's structural integrity and appearance even under harsh weather conditions. This makes the M180 an ideal choice for highways exposed to varying climates, from heavy rain to intense sunlight. Constructed with a bolted connection type, the Highway Guardrail M180 allows for straightforward installation and maintenance. The bolted connections ensure that each segment of the guardrail is securely fastened, providing a stable and reliable barrier along the roadside. This connection method also facilitates easier replacement of damaged sections, minimizing downtime and maintenance costs. Highway authorities and contractors appreciate the efficiency and flexibility that bolted connections bring to highway traffic barrier systems.

In terms of aesthetics and visibility, the Highway Guardrail M180 features a sleek silver metallic color. This finish not only enhances the visual appeal of the guardrail but also improves its visibility to drivers, especially under varying light conditions. The silver metallic color reflects light effectively, aiding in driver awareness and contributing to safer driving conditions on busy highways.

Designed exclusively for highway applications, the Highway Guardrail M180 is built to comply with stringent safety standards required for highway traffic barriers. Its robust design is tailored to withstand the high impact forces typically encountered on highways, providing an effective roadside protective barrier to safeguard both motorists and pedestrians. Whether installed on expressways, interstates, or other high-speed roadways, this guardrail system delivers reliable performance and peace of mind.

A key assurance for buyers and highway authorities is the comprehensive 10-year warranty that comes with the Highway Guardrail M180. This warranty underscores the manufacturer's confidence in the product's quality and longevity. It guarantees that the guardrail will perform effectively over an extended period, reducing the need for frequent replacements and repairs. This long-term warranty makes the M180 an economically sound investment for any highway safety project.

In summary, the Highway Guardrail M180 is a state-of-the-art highway traffic barrier that combines durability, ease of installation, and aesthetic appeal. Its hot-dip galvanized finish, bolted connection type, and silver metallic color make it an excellent roadside protective barrier suited for highway environments. Backed by a 10-year warranty, this guardrail system ensures lasting safety and reliability, making it the preferred choice for highway safety infrastructure worldwide. When it comes to protecting lives and enhancing road safety, the Highway Guardrail M180 stands out as a top-tier solution for modern highways.

Features:

Product Name: Highway Guardrail M180

Height: 80 Centimeters

Applicable Road Type: Highway

Finish: Hot-dip Galvanized for enhanced durability

Warranty: 10 Years

Postspacing: 2 Meters for optimal support

Designed as a reliable Road Safety Guardrail for highways

Effective Highway Traffic Barrier to prevent vehicles from veering off the road

Ensures enhanced road safety with robust protection

Technical Parameters:

Installation Method	Bolted To Steel Posts
Shape	W-beam
Applicable Road Type	Highway
Connection Type	Bolted
Height	80 Centimeters
Corrosion Resistance	High
Maintenance	Low Maintenance Required
Post Spacing	2 Meters
Finish	Hot-dip Galvanized
Section Shape	W-beam

Applications:

The Highway Guardrail M180 is an essential roadside protective barrier designed specifically for enhancing highway safety. Its robust W-beam section shape provides superior strength and impact resistance, making it ideal for absorbing and deflecting the force of vehicles

during collisions. This guardrail system is widely used along highways, expressways, and other high-speed road networks where maximum protection is crucial for both drivers and pedestrians.

The M180 steel guardrail features a bolted connection type, which allows for quick and secure installation, as well as easy replacement of damaged sections. This modular design is highly advantageous in scenarios where rapid maintenance or upgrades are necessary, such as after traffic accidents or during road construction projects. The bolted joints ensure that the guardrail remains firmly in place, maintaining continuous protection along the roadside.

One of the standout attributes of the Highway Guardrail M180 is its high corrosion resistance, achieved through advanced surface treatment with hot-dip galvanization. This process coats the steel with a thick layer of zinc, safeguarding it against rust and environmental degradation caused by moisture, salt, and other corrosive elements commonly found on highways. As a result, the guardrail exhibits exceptional durability and longevity, even in harsh weather conditions or coastal areas.

Due to its corrosion-resistant properties and sturdy construction, the M180 steel guardrail requires low maintenance, reducing long-term operational costs for highway authorities. This makes it particularly suitable for remote or hard-to-access locations where frequent upkeep would be challenging. Its reliability and minimal maintenance needs ensure continuous roadside safety without the need for constant inspection or repair.

In summary, the Highway Guardrail M180 is an optimal choice for roadside protective barriers in various highway safety applications. Its bolted connection type, W-beam section shape, high corrosion resistance, hot-dip galvanized surface treatment, and low maintenance requirements collectively make it an effective and economical solution for protecting lives and property on busy roadways.

Customization:

Our Highway Guardrail M180 product offers comprehensive product customization services to meet your specific road safety needs. Featuring a durable hot-dip galvanized finish, this M180 Crash Barrier ensures long-lasting protection and corrosion resistance. Designed specifically for highway applications, this Highway Traffic Barrier is ideal for enhancing safety on busy roads and highways. The Road Safety Guardrail is installed using a bolted method to steel posts, providing secure and stable installation. Available in a sleek silver metallic color, the M180 Crash Barrier also comes with a 10-year warranty, guaranteeing reliability and performance over time.

Support and Services:

Our Highway Guardrail M180 product is designed to meet stringent safety and durability standards for road protection. For technical support, we provide comprehensive guidance on installation, maintenance, and repair to ensure optimal performance and longevity of the guardrail system.

Our support team is equipped to assist with product specifications, compatibility, and customization options to suit various roadway conditions. We recommend regular inspections and adherence to installation manuals to maintain the integrity of the guardrail.

Additionally, we offer professional services including on-site consultation, installation training, and post-installation evaluations to help clients achieve compliance with local and international safety regulations.

For troubleshooting and technical inquiries, detailed documentation and user manuals are available to address common issues and provide step-by-step solutions. Our commitment is to deliver reliable support and services that enhance the safety and effectiveness of the Highway Guardrail M180 system.



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