



Hot-dip Galvanized Highway Guardrail M180 with 310mm Width and Low Maintenance Required for Road Safety

Basic Information



Product Specification

- Finish: Hot-dip Galvanized
- Warranty: 10 Years
- Impactresistance: Designed To Absorb And Deflect Vehicle Impact
- Shape: W-beam
- Surface Treatment: Hot-dip Galvanized
- Width: 310mm
- Corrosionresistance: High
- Maintenance: Low Maintenance Required
- Highlight: **80cm highway guardrail M180, 310mm width road guardrail, low maintenance highway barrier**

Product Description:

The Highway Guardrail M180 is a robust and reliable solution designed specifically for enhancing road safety on highways. Engineered to meet the demanding requirements of modern transportation infrastructure, this guardrail serves as a vital component in minimizing accidents and protecting motorists. Its primary function is to absorb and redirect the impact energy from vehicles, thereby reducing the severity of crashes and preventing vehicles from veering off the road.

One of the standout features of the Highway Guardrail M180 is its W-beam section shape, which is widely recognized for its superior strength and flexibility. The W-beam design allows the guardrail to effectively deform under impact, absorbing energy while maintaining structural integrity. This characteristic is essential for a Highway Safety Guardrail, as it ensures both durability and optimal performance in various collision scenarios.

The connection type used in the M180 guardrail is bolted, facilitating easy and secure installation as well as maintenance. Bolted connections provide a dependable method for assembling the guardrail components, ensuring that the structure remains stable and intact even under significant stress. Additionally, this type of connection allows for modularity, meaning that damaged sections can be replaced quickly without extensive disruption to the roadway.

Surface treatment is a critical factor in the longevity and effectiveness of any Road Safety Guardrail, and the M180 excels in this regard with its hot-dip galvanized finish. This process involves immersing the steel components in molten zinc, creating a durable, corrosion-resistant coating that protects the guardrail from rust and environmental degradation. As a result, the guardrail maintains its strength and appearance over time, even in harsh weather conditions, which is crucial for highway applications where exposure to the elements is constant.

The Highway Guardrail M180 is specifically designed for highways, where high-speed traffic and heavy vehicle loads demand exceptional safety measures. Its application on highways ensures that roadways are equipped with a guardrail system capable of withstanding intense impacts and providing reliable protection for drivers. By installing this Road Safety Guardrail, transportation authorities can significantly enhance overall highway safety, reduce accident severity, and improve traffic flow by minimizing incident-related disruptions. In terms of reliability, the M180 guardrail comes with a 10-year warranty, reflecting the manufacturer's confidence in its durability and performance. This warranty gives highway planners, engineers, and contractors peace of mind, knowing that the product is backed by a commitment to quality and long-term service. The extended warranty period also indicates that the guardrail will require minimal maintenance, making it a cost-effective investment for large-scale highway safety projects.

Overall, the Highway Guardrail M180 is a superior choice for anyone seeking a dependable, high-performance Highway Safety Guardrail. Its combination of a strong W-beam section shape, bolted connections, and hot-dip galvanized surface treatment ensures a long-lasting and effective barrier system. Whether used on newly constructed highways or as an upgrade to existing road safety infrastructure, the M180 guardrail delivers exceptional protection and durability.

By choosing the Highway Guardrail M180, you are investing in a product that prioritizes safety, structural integrity, and resilience. It is an essential component for maintaining safe highway environments and protecting lives. With its proven design and comprehensive warranty, the M180 sets a high standard for Road Safety Guardrail solutions, making it a trusted choice for highway projects worldwide.

Features:

Product Name: Highway Guardrail M180

Roadside Protective Barrier designed for enhanced safety on highways

M180 Steel Guardrail with a height of 80 centimeters

Impact resistance: Designed to absorb and deflect vehicle impact effectively

Finish: Hot-dip galvanized for superior corrosion resistance

Applicable Road Type: Specifically engineered for highway use

Warranty: 10 years for reliable long-term performance

Also known as M180 Crash Barrier for robust roadside protection

Technical Parameters:

Corrosion Resistance	High
Post Spacing	2 Meters
Surface Treatment	Hot-dip Galvanized
Color	Silver Metallic
Section Shape	W-beam
Width	310mm
Applicable Road Type	Highway
Installation Method	Bolted To Steel Posts
Maintenance	Low Maintenance Required
Shape	W-beam

Applications:

The Highway Guardrail M180 is an essential component designed to enhance roadway safety across various transportation environments. With a height of 80 centimeters and a distinctive W-beam section shape, this guardrail serves as a robust roadside protective barrier, effectively minimizing the severity of accidents and safeguarding both vehicles and pedestrians. Its design is optimized to absorb and redirect impact forces, making it a reliable choice for highway safety guardrail applications.

One of the primary application occasions for the M180 crash barrier is along highways and expressways where high-speed vehicular traffic demands stringent safety measures. The guardrail is installed at critical points such as curves, slopes, medians, and bridge approaches to prevent vehicles from veering off the road or colliding with hazardous obstacles. Its hot-dip galvanized surface treatment ensures excellent corrosion resistance, allowing it to withstand harsh weather conditions and extending its service life with minimal maintenance requirements.

In addition to highways, the M180 roadside protective barrier is suitable for use in urban and suburban road networks, parking lots, and industrial areas where controlling vehicle movement and protecting infrastructure is necessary. The standard postspacing of 2 meters provides structural stability and uniformity, facilitating quick and efficient installation while maintaining optimal performance. This spacing also contributes to the guardrail's ability to absorb impact energy effectively, reducing repair costs and downtime after collisions. Maintenance is a significant consideration in infrastructure projects, and the M180 crash barrier excels in this aspect by requiring low maintenance throughout its lifespan. The combination of durable materials, hot-dip galvanization, and well-engineered design means that routine inspections and minor repairs are typically sufficient to keep the guardrail functioning at peak performance. This reliability makes it a cost-effective solution for long-term highway safety management.

Overall, the Highway Guardrail M180 is a versatile and dependable roadside protective barrier that addresses the critical need for accident prevention and traffic management. Its application in highways, urban roads, and industrial zones contributes significantly to reducing traffic-related injuries and fatalities, ensuring safer travel for all road users.

Customization:

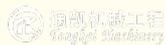
Our M180 Crash Barrier offers customizable product options to meet the specific needs of highway safety projects. Featuring a W-beam section shape and a width of 310mm, this Road Safety Guardrail is designed for optimal performance and durability. The guardrail is installed using a bolted method to steel posts, ensuring secure and reliable placement. With a post spacing of 2 meters, it provides effective protection on highways, enhancing road safety and preventing accidents. Trust our Road Safety Guardrail customization services to deliver the ideal solution for your highway safety requirements.

Support and Services:

Our Highway Guardrail M180 product is designed to provide superior safety and durability for roadside protection. For technical support, please refer to the installation manual included with the product, which provides detailed guidelines on proper setup and maintenance. Should you require additional assistance, our technical support team is available to help with product specifications, troubleshooting, and performance optimization. We also offer a range of services including on-site inspections, custom fabrication, and training sessions to ensure optimal use of the Highway Guardrail M180.

For maintenance, regular inspections are recommended to check for any damage or wear. Prompt repair or replacement of any compromised sections will maintain the guardrail's effectiveness and compliance with safety standards.

We are committed to providing ongoing support to ensure the Highway Guardrail M180 meets your project needs and safety requirements.



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