
SciSe Highway Barriers Co.

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SciSe is a China manufacturer and exporter of Guardrail Barrier products **for expressway, bridge and highway traffic safety**. Our products range from the guard rail highway barriers, sound barriers and fences to the various accessories for installation of barriers and fences. We use choic cold processing steel strip to make quality guardrail panels for our customers, going through flattening, punching, galvanizing or plastic coating, fabricating and shearing process. The guardrails can be traditional **beam type solid guardrail panels** or economic **cable guardrails**.The steel guardrail panels are made of corrugated plates in symmetrical shapes of waves. It is either concave (bowing away from the traffic lane) or convex (bowing towards the traffic lane).The guardrail beams we supply are 10 gauge and 12 gauge materials, ranging from 5' to 60' radius. Made from strip steel coils, the guardrail panels have a normal thickness of 2mm to 10mm. Metal fittings we supply include brackets, beam posts, columns and terminals for completing a full guardrail barrier system.

We supply and manufacture beam guardrails in accordance with China National Standard JT/T281-1995(Corrugated Sheet Steel Beams For Expressway Guardrail - China), AASHTO M-180(Corrugated Sheet Steel Beams For Highway Guardrail - USA), RAL-RG620 (German) or any other International Standards. The base steel we use meetsSteel Grade Q235B (equivalent to S235JR according to DIN EN 10025 and Gr. D according to ASTM A283M) or Q345 (S355JR / ASTM A529M 1994).

Scise Featured Products: Highway Guardrails

Where the Guardrail Barriers are Used:

Highway guardrail is commonly used as a passive barrier system for highway traffic security. The steel guard railings are installed widely along the roadway and highways, especially at curves and slopes, parking lots, road corners, dead end street and other site that may cause danger or accident to people or cars.

How the Guardrail Panels Work:

Guardrail panels fixed along the expressway can guide the direction of the vehicles and keep them running within the safe limit. In case any traffic accidents happen such as vehicle collision, the guardrail barrier will play an important role by decelerating the speed of the collided vehicles. Due to the designed curved shape of the guardrail panels, they will allow a slowing down of the crashed vehicle without hurting it seriously. In this way, the guard rails can reduce the danger level of the involved vehicles by keeping them safely within the road, allowing them slow down and directing them back to the right way.

What are popular surface treatments for the guardrail beams:

We supply three types of steel guardrail beams according to the finishes:

Common galvanized steel guardrails , zinc coating quantity at about 550 gram/ m2 (40μ);

Heavy hot dipped zinc plated guardrails, zinc coating quantity at about 1100 g/m2 (80μ) or 1200 g/m2 (85μ);

PVC coated steel highway guardrails.

Functions of the Surface Treatments to the Finished Guardrail Panels:

Steel galvanized guardrail coated with zinc offers more durability and maximum strength. The zinc coating also prevents discoloration and weak points caused by rust and corrosion.

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For more details, please visit <https://www.indiabusinessesstoday.in/detail/scise-highway-barriers-co-aburoad-558281>
