FENCING & GUARDRAILS · PRODUCT DATASHEET

Highway Guardrails

W-beam and thrie-beam guardrail packages with posts, spacers, terminals and fasteners.



Common applications

- Roadside safety barriers
- Beam and post packages
- On-site installation review

Supplied by drawing

Panels, sizes, finish and packing are made to your drawing, sketch or parts list and confirmed in writing before production.

Typical specifications (quotation examples)

Reference	Description
W-beam guardrail	Common road barrier profile with matching posts, spacers and bolt hole layout.
Thrie-beam guardrail	Deeper beam profile when the drawing or containment requirement calls for higher protection.
Galvanized beam package	Beams, posts, spacers, terminals, reflectors and bolts grouped by road section.
Terminal and transition set	End terminals, bridge transitions and special sections confirmed from the project layout.

Examples only. Final sizes, loads and finish are confirmed against your drawings and project documents.

What we confirm before quotation

Road layout	Plan drawings, section length, curve or bridge transition information before beam quantity is confirmed.
Beam profile	W-beam, thrie-beam or project profile to match the drawing, hole pattern and road standard.
Posts and spacers	Post type, post length, spacing, spacer block and installation method.
Terminals	End terminals, transition sections, reflectors and special fittings listed by location.
Coating	Hot-dip galvanized finish is common; coating thickness or color follows the project requirement.
Packing groups	Beam bundles, post bundles and bolt cartons marked by road section for installation.

Product and project photos





Standards and references

- Guardrail systems should follow approved road drawings, local highway safety standards and installation layout.
- Hot-dip galvanizing can be reviewed according to ISO 1461, ASTM A123/A123M or project-specified coating requirements.
- Beam profile, post section, spacer block, terminal and reflector details should match the drawing and accessory list.
- Final packing should group beams, posts, bolts and terminals by road section or installation sequence.

RFQ checklist: send these details for a faster quote

[ ]	Road layout, section length, curve or bridge transition details
[ ]	Beam profile, thickness, effective length and hole pattern
[ ]	Post type, spacing, spacer blocks, terminals and reflectors
[ ]	Galvanizing requirement, quantity, destination and packing marks

Free drawing review

Send drawings, sketches or a parts list. We check sizes, materials and finish before pricing, at no cost to you.

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