

Product Data

RHINO-STOP®

Modular Vehicle Impact Barrier



RHINO-STOP® is the latest innovation in modular barrier designs providing superior design, rapid installation and driver confidence. RHINO-STOP® has been crash tested to comply with and exceed the 30kN impact requirement of AS/NZS 1170.1.

RHINO-STOP® may be installed as a standalone post and w-beam rail configuration or with balustrade and mesh infill attachments when fall protection for pedestrians is required. The modular design of RHINO-STOP® and its available attachments allows the system to be configured to suit site requirements using standard components.

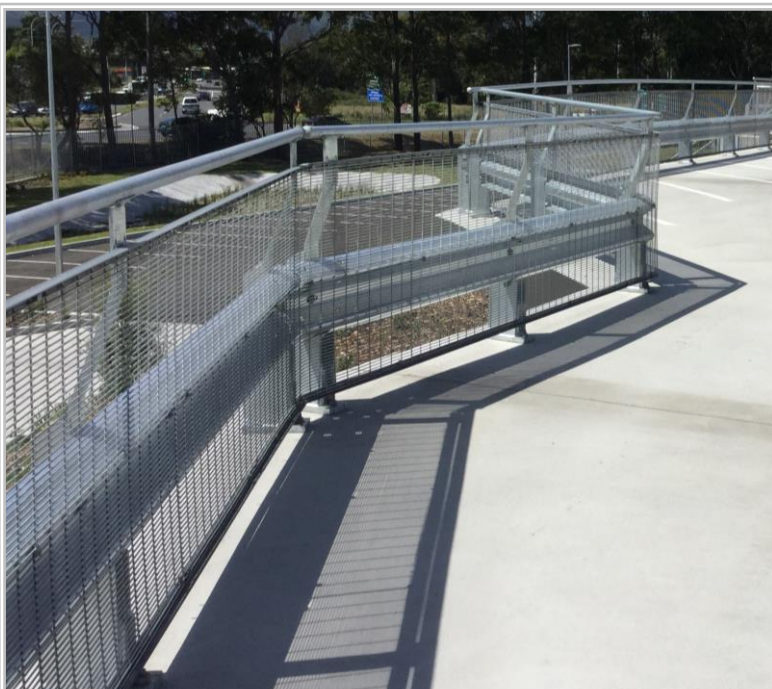
The controlled absorption of vehicle impact energy by the RHINO-POST® reduces the impact load transferred to the substrate thereby only requiring one (1) M20 fixture per post.

Specifications

- Compliant to AS/NZS 2890.1: Parking Facilities – Off Street Car Parking.
- Compliant to the 30kN impact load described in AS/NZS 1170.1: Structural Design Actions.
- Additional crash testing performed to 60kN.
- Low deflection – just 91mm for a 30kN impact.
- Maximum post spacing: 2m
- Number of anchor bolts per post: 1 (M20).

Features

- Full scale crash tested to evaluate performance and compliance.
- Energy-absorbing technology.
- Fully modular system.
- Can be configured with a balustrade and anti-climb mesh infill when fall protection for pedestrians is required.
- Narrow footprint.



Modular Design of RHINO-STOP®



RHINO-STOP® Type 1 (rear view)



STEELGAL
NZ LIMITED



RHINO-STOP® Type 4 (impact barrier with 1100mm high pedestrian fall protection)



RHINO-STOP® Type 5 (impact barrier with 1300mm high sight rail)



RHINO-STOP® Type 1 (with optional powder-coated guardrail panels)