DESCRIPTION

The QUADGUARD CZ Systemis a member of the QUADGUARD Family designed to shield hazards in construction zones. The QUADGUARD CZ offers impact protection for both light and heavy vehicles. The system may be permanently used for gore areas, bifurcations and wide hazards such as bridge piers and tollbooths, after construction is complete. It is effective against head-on and angle hits at typical highway speeds.

When hit head-on, a series of cartridges, placed between QuadBeam[tm] diaphragms and surrounded by telescoping fender panels, are crushed. This action absorbs the kinetic energy from the impacting vehicle, bringing the vehicle to a stop. Hit along the side at an angle, the system redirects the vehicle away from the hazard.

Only the cartridges and nose assembly are expended during a design speed crash. Two types of cartridges are required, permitting convenient stocking of these easily replaceable elements. The QUADGUARD CZ System is available for head-on design speeds up to 115 km/h, for hazards form 610-916 mm in width.

The QUADGUARD cz System has successfully passed the complete NCHRP 350, Test Level 3 matrix for redirective, non-gating attenuators with both light car and high center-of-gravity pickup truck at speeds up to 100km/h at angles up to 20 degrees.

• Non-gating	Length =	4.0 m (3 bay) to
• Redirecting		9.49 m (9 bay)
• Non-pocketing	Width =	(standard)610 mm Min
• Bidirectional or		(standard)916 mm Max
Unidirectional	Design Speed =	variable up to
• Partially Reusable		115 km/

CONTACT INFORMATION

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QUADGUARD® CZ SYSTEM

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