DESCRIPTION

The CushionWall II is a self-restoring and highly reusable energy absorbing longitudinal barrier especially suited for use in redirecting errant vehicles in high frequency lateral impact areas, such as severe highway curves

The CushionWall II safely dissipates the collision energy of impacting vehicles weighing up to 2000 kg, traveling at speeds up to 73 km/h and impact angles as high as 20 degrees.

During an impact, a row of HDPE cylinders are compressed as the force of the impacting vehicle is applied to the side of the CushionWall II.

The CushionWall II installation consists of galvanized steel support hardware and energy absorbing cylinders. The cylinders and hardware are assembled and attached to an existing reinforced concrete wall. The number of cylinders comprising a complete system depends on the actual site configuration.

The CushionWall II System is crashworthy and has tested to the NCHRP 350 testing procedures for TL-3 conditions up to 100 km/h.

The CushionWall II, after some impacts, will restore itself to its pre-impact shape and retain its basic integrity. Maintenance and repair, as well as debris on the roadway, are minimized.

Depth = 610 mm Height = 914 mm
Length = Length of hazard

CONTACT INFORMATION

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CushionWall® II

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