**OVERVIEW**

The Quest CEN system has been successfully tested using EN 1317-3 criteria for 110 km/h, 100 km/h and 80 km/h levels.

Consisting of a series of W-beam fender panels supported by diaphragms, the Quest features an innovative integrated front trigger mechanism. During impacts, this mechanism releases the support frame assembly to absorb the energy of the impact.

The system is designed to telescope rearward during head-on impacts to absorb the energy of impact and to redirect vehicles during side angle impacts.

The Quest CEN system is ideal for a wide range of applications.

- Redirective, bi-directional system
- Compact and lightweight design
- Free-standing backup
- Can be installed in concrete, asphalt or soil
- Only 30 anchors for quick and easy installation

**FAST AND EASY INSTALLATION**

The Quest CEN system is designed for fast and easy installation. The free-standing backup is only 610mm wide and the system can be lifted, transported and dropped into place, fully assembled. Only 30 anchors are required for installation.
TRANSITION OPTIONS
Several transition panels are available for the Quest CEN system including:
- Transition to New Jersey Safety Barrier
- Transition to W-Beam
- Transition to Concrete Median Barrier

ANCHOR OPTIONS
Several anchoring options are available for the Quest CEN system including:
- Concrete requires only 30 - 18 cm threaded rod anchors with MP3 resin grout.
- Asphalt requires only 32 - 46 cm threaded rod anchors with MP3 resin grout.
- Soil or Asphalt requires only 6 (DPA) Drivable Pile anchors.

SPECIFICATIONS
<table>
<thead>
<tr>
<th></th>
<th>80 km/h</th>
<th>100 km/h</th>
<th>110 km/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>5.36 m</td>
<td>7.22 m</td>
<td>7.22 m</td>
</tr>
<tr>
<td>Width</td>
<td>610 mm</td>
<td>610 mm</td>
<td>610 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>498 kg</td>
<td>634 kg</td>
<td>660 kg</td>
</tr>
<tr>
<td>Anchors</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

110 km/h Quest CEN System Shown

Distributed By:

ENERGY ABSORPTION SYSTEMS, INC.

Crown House, Crown Street • Ipswich, IP1 3HS • UK
Tel: 44-1473-221105 • Fax: 44-1473-221106
www.energyabsorption.com

General specifications for the Quest CEN System are subject to change without notice to reflect improvements and upgrades. Additional information is available in the Product Manual for this system. Contact Energy Absorption Systems for details.