

# ADIEM<sup>®</sup>

## CRASH CUSHIONS



## ADIEM®

The Advanced Dynamic Impact Extension Module (ADIEM®) is a redirective, energy absorbing, narrow crash cushion that consists of 10 lightweight, crushable concrete modules. The ADIEM® crash cushion is tested to NCHRP Report 350 Test Level 3. Enhanced coatings and optional covers help provide protection from the weather.

### ASSEMBLY AND MAINTENANCE

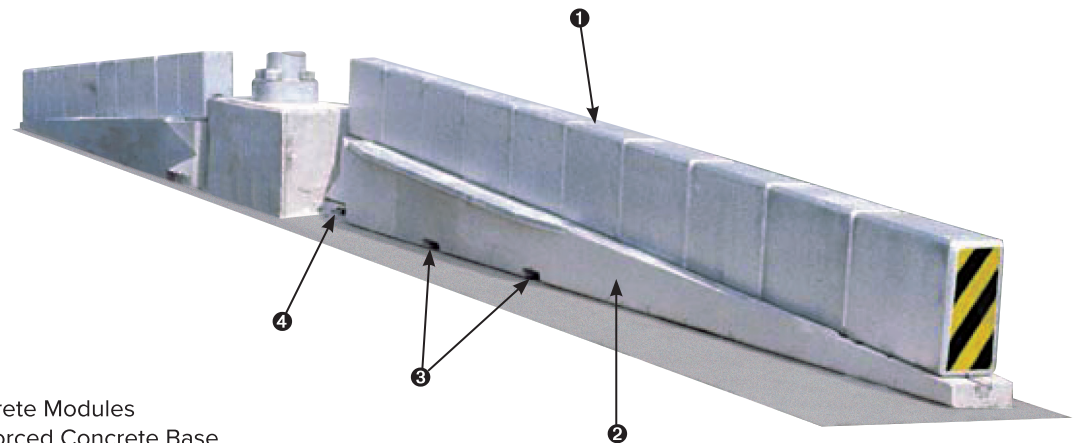
- Does not use torque-sensitive bolts.
- Does not use concrete foundation pad.
- Can be used with temporary or permanent concrete barriers.
- Pinned anchorage is designed to help facilitate easier movement and relocation of the unit.
- Lightweight modules are uniform in design and composition, and do not use sequence priority when attaching or replacing damaged modules.
- Damage to the product after an impact within NCHRP Report 350 crash test standards is typically confined to the modules which helps facilitate easier repair.\*

### FEATURES

- Does not use site-specific foundation pad. Can be placed on existing surfaces such as concrete, asphalt, or compacted soil/base material.
- Composed of three component groups:
  - Reinforced concrete base
  - Engineered lightweight concrete modules
  - Anchor brackets
- Redirective capability (Beginning Length of Need at 15' (4.6 m) from nose).

### SPECIFICATIONS

- System Length: 30' (9.1 m) Base
- System Width: 32" (813 mm) at Widest Point
- System Height: 28" (712 mm) at Nose, 49" (1,245 mm) at Fixed Object
- Base Weight: 11,500 lbs. (5,216 kg)



- ① Concrete Modules
- ② Reinforced Concrete Base
- ③ Forklift Access
- ④ Anchor Brackets

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