

## SLED™ Euro

### High Speed Zone End Treatment 110km

SLED End Treatments are available in two models for high speed zone applications; SLED US and SLED EURO. The SLED US is MASH approved (100km) and the SLED Euro is EN1317-4 P4 approved (110km). The SLED Range is designed to deform and rupture on impact, absorbing the energy of the impacting vehicle.

The SLED Euro-Terminal is the only free standing attenuation device that has been tested and approved for speeds up to 110km/h. It is tested and accepted to European Crash Test Standard EN 1317-4 P4 and an Approved End Treatment under NZTA M23 Specification.

The SLED Euro is narrow and free standing, designed to shield the end of safety barriers in head on and side impacts. The SLED Euro has additional steel lateral panels which redirect the impacting vehicle and is commonly used on BG800 steel barrier systems here in NZ and around the world.

\* **Designed for 110km**

\* **Narrow & Compact  
for Limited Space**

\* **Free Standing  
System**



#### Features & Benefits

- The SLED™ Euro-Terminal quickly and easily attaches to BG-800 Steel Barrier System
- Quick and easy set-up, no foundation anchoring, less installation exposure time
- Visual “Drive By” fill indicators quickly verify each module is full of water
- Accepted for used in Uni- and Bi- Directional applications
- Shortest length TL-3 water filled crash cushion, fewer incidental impacts
- SLED Euro stout design virtually eliminates vaulting
- Containment Impact SLED™ (CIS) minimizes debris field
- Internal steel cables help envelop vehicle after an impact, creating a truly limited gating system
- High visibility yellow polyethylene that is UV stabilized to minimize degradation

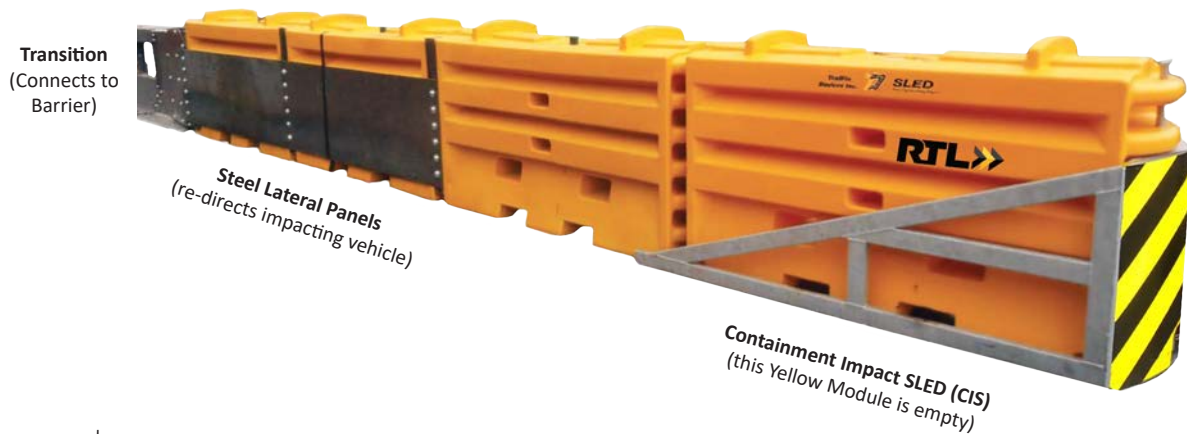


**SLED™ Euro: NZTA M23 Approved for BG-800 Steel Barriers**

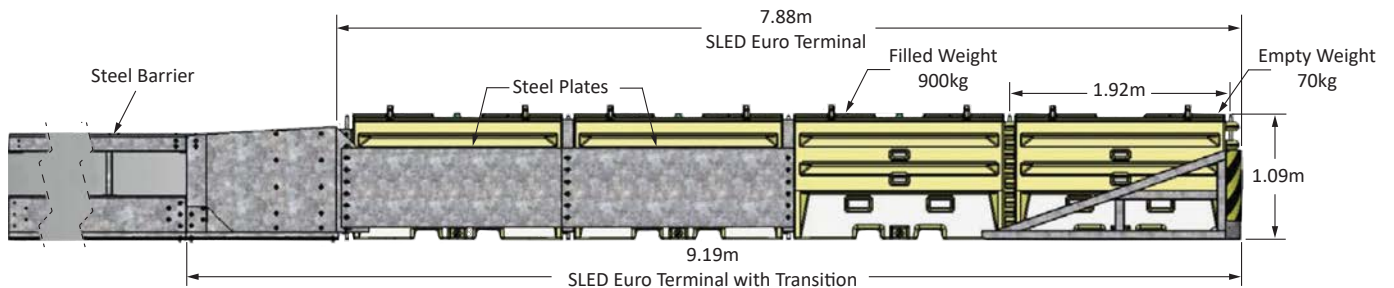
# Product Specifications

## Key Components & Measurements

Under NZTA M23 Specification, the minimum configuration for use on >70 km/h State highway sites is the 4 module TL-3 configuration. The Yellow CIS module should NOT be filled with water.



### Components



## Testing & Compliance

### Head on Impact

**Specifications:**

**Tested and Passed:** EN1317-4 P4  
**Impact Speed:** 110 Km/h  
**Vehicle Type:** 1500 kg Bullet Vehicle  
**Impact Angle:** Head on Centre



### Side Impact

**Specifications:**

**Tested and Passed:** EN1317-4 P4  
**Impact Speed:** 110 Km/h  
**Vehicle Type:** 1500 kg Bullet Vehicle  
**Impact Angle:** 15° Side

