



## HV2 BARRIER

With patented hybrid technology and unique connectors, the HV2 Barrier offers high containment and low deflection upon impact providing workzone protection to temporary construction sites.

With no time-consuming anchoring required, this barrier has been successfully tested to MASH TL-4.

Approved by NZ Transport Agency, Austroads Safety Barrier Assessment Panel (ASBAP) and specified in M23 – Appendix C, the HV2 BARRIER is the first and only unanchored steel barrier to successfully be crash tested to MASH TL-4.

The patented hybrid technology and unique connectors allow this free standing, temporary longitudinal barrier system to offer high containment and low deflection, while remaining economical to transport and deploy.

### FEATURES

- Freestanding barrier (available for hire only)
- Provides work-zone protection to temporary construction sites
- High containment
- Safe redirection
- Superior deployment and retrieval
- Barriers require no anchoring
- Maintenance free
- Approved for use with MASH SLEDTM Crash Cushion
- Durable, lightweight and economical to transport



Roadside



Workplace



Roadwork



Pedestrian



Seeing



Environment



Telecoms

SLED™ Euro-Terminal Crash Cushion

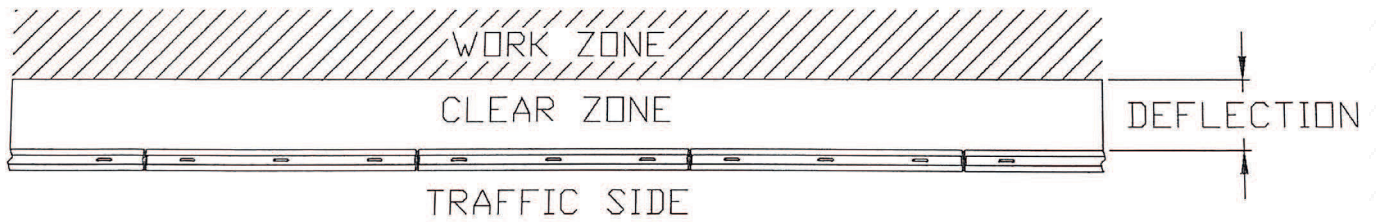
**PHYSICAL SPECIFICATIONS**

Successfully tested	MASH TL-4
Listed in M23	Appendix C
ASBAP	Approved
MASH TL-3 Deflection	Refer to tables
Length	5.8m
Height	900mm
Width	450mm
Weight	2088kg
Weight per metre	360kg
Nr. which can be transported via semi truck	10



**SYSTEM DEFLECTION**

A sufficient clear zone must be allocated between the HV2 Safety BARRIER and the work zone to allow for deflection of the barrier during an impact. The below tables show the estimated deflection during an impact, and are based on a combination of crash testing and interpolation.



TL-3 2,270kg VEHICLE					
Speed	25°	20°	15°	10°	5°
100km/h	1.47m	1.18m	0.88m	0.59m	0.30m
90km/h	1.33m	1.07m	0.80m	0.54m	0.27m
80km/h	1.18m	0.95m	0.71m	0.48m	0.24m
70km/h	1.03m	0.83m	0.62m	0.42m	0.21m
60km/h	0.89m	0.71m	0.53m	0.36m	0.18m
50km/h	0.74m	0.59m	0.44m	0.30m	0.15m
40km/h	0.59m	0.48m	0.36m	0.24m	0.12m

Crash Tested Result

TL-4 10,000kg VEHICLE			
Speed	15°	10°	5°
90km/h	2.37m	1.58m	0.79m
80km/h	2.11m	1.41m	0.71m
70km/h	1.85m	1.23m	0.62m
60km/h	1.58m	1.06m	0.53m
50km/h	1.32m	0.88m	0.44m
40km/h	1.06m	0.71m	0.35m

Crash Tested Result