



PAS 68: 2007 TEST USING EUROPEAN SPECIFICATION 18 TONNER

Test Agency
TRL Ltd
Crowthorne House
Nine Mile Ride
Wokingham
Berkshire
RG40 3GA

Test number
B3327
Test date
6 November 2006

Test Article
Type
Blocker

Size/dimensions of key
elements
See manufacturers for full details

Test Vehicle
Type
Two axle rigid lorry, curtain sided [GVW 18t]
Kerb weight
6,950 kg
Test weight
7,520 kg

Impact Conditions	Target	Achieved
Impact speed	80 km/h	78.0 km/h
Impact angle	90 deg	90 deg
Impact energy	1856.8kJ	1765.1Kj

Result
The blocker restrained and immobilised the vehicle.

Test Article Deflection
The blocker suffered negligible deflection and very minor damage. The blocker was fully operational after the test once the front panel and debris was removed.

Manufacturer
Heald Ltd
Northfield
Atwick Road
Hornsea
HU18 1EL





PAS 68: 2007 TEST USING EUROPEAN SPECIFICATION 7.5 TONNE VEHICLE

Test Agency	TRL Ltd Crowthorne House Nine Mile Ride Wokingham Berkshire RG40 3GA
Test number	B3281
Test date	8 August 2006
Test Article	
Type	Heald M800CR4 Roadblocker
Size/dimensions of key elements	See TRL report UPR/SSI/028/06
Test Vehicle	
Type	Two axle rigid lorry, curtain sided.
Kerb weight	4,320 kg
Test weight	7,510 kg
Impact Conditions	Target Achieved
Impact speed	80 km/h 79.0 km/h
Impact angle	90 deg 90 deg
Impact energy	1846.9kJ 1808.7kJ
Result	The blocker immobilised the vehicle.
Test Article Deflection	The top edge of the blocker plate suffered negligible deflection. There was no movement and negligible rotation of the blocker or foundation. The blocker was fully operational after the test once the front panel and debris was removed.
Manufacturer	Heald Ltd Northfield Atwick Road Hornsea HU18 1EL





PAS 68: 2007 TEST USING AMERICAN TRUCK

Test Agency TRL Ltd
 Crowthorne House
 Nine Mile Ride
 Wokingham
 Berkshire
 RG40 3GA

Test number B3405
Test date 8 February 2007

Test Article
Type Vehicle Road Blocker

Size/dimensions of key
elements See manufacturer for full details

Test Vehicle
Type US Flat-bed Truck (International 4200 DT 466E)
Kerb weight 5,300kg
GVW 10,000kg
Test weight 6,800kg

Impact Conditions	Target	Achieved
Impact speed	80 km/h	80.0 km/h
Impact angle	90 deg	90 deg
Impact energy	1679.0kJ	1679.0kJ

Result The CR1200 roadblocker arrested the vehicle
 and maintained its structural integrity.

Test Article Deflection The roadblocker suffered negligible deflection
 and very minor damage. The blocker was fully
 operational after the test once the front panel
 was removed.

Manufacturer Heald Ltd.
 Northfield
 Atwick House
 Hornsea
 HU18 1EL

