

SUMMARY

Test Reference

H0073

Test Agency

MIRA Ltd, Watling Street, Nuneaton,
Warwickshire, CV10 0TU, UK
Tel: +44 (0)24 7635 5000
Mail: enquiries@mira.co.uk

Product

Designation

Dixon PAS68 Bollard

Brief Description

Mild steel cut resistant bollard 1.0m high. Generic Steel reinforced foundation 650mm deep.

Drawings Supplied

20th July 2009

Installation of Foundation (Date)

22nd June 2009

Installation of Product (Date)

26th June 2009

Test Vehicle

Make/Type

Ford Mondeo 4-door Saloon

VIN

WF05XXGBB54D22492

Kerb Weight

1426

GVW

n/a

Impact Specification

Mass (kg)

	Target	Achieved
Mass (kg)	1500	1500
Speed (km/h)	48	48.2
Angle (deg)	90	90.9
Energy (kJ)	133	135

Speed (km/h)

Angle (deg)

Energy (kJ)

Product Result

Vehicle halted and disabled. Vehicle at rest on top of bollard. Bollard bent to approximately 54deg

Penetration

Dynamic Vehicle A-post Penetration (m)

1.27

Static Vehicle A-post Penetration (m)

1.27

Dispersion of Debris (m)

No debris

Manufacturer

Marshalls Mono Ltd, Birkby Grange
Birkby Hall Road, Huddersfield, HD2 2YA

PAS68:2007 Performance Classification – Vehicle impact Test

Performance Classification:

V/1500(N1)/48/90:1.3/0.0

Note: not given for load-bed penetration > 25m

Product Type

Single Bollard

Test Mass (kg)

1500

Test Speed (km/h)

48.2

Vehicle Penetration (m)

1.3

Dispersion of Debris (m)

0.0

Engine Running post test

No